## 2. SYNOPSIS

•	Individual Study Table	(For National Authority Use only,
	<b>Referring to Part of the Dossier</b>	
Name of Finished Product	Volume:	:
Not applicable		
Name of Active Ingredient:	Page:	
S-217622		
<b>Study Title:</b> A Phase 2/3 Study of S-217622 in Part	cicipants Infected with S	ARS-CoV-2
<b>Investigators and Study Centers:</b> Th 94 sites in Japan (65 sites), South Kore (1 site) in Phase 2b/3 Part. There was r Singapore.	ea (26 sites), Vietnam (2	sites), and Singapore
Publication (reference): Not applicab	le	
<b>Studied Period:</b> From 06 Jan 2022 (E Phase 2b/3 Part) to 14 Aug 2022 (Last Phase 2b/3 Part)		1 1
Phase 2b/3 Part) to 14 Aug 2022 (Last		1 1
Phase 2b/3 Part) to 14 Aug 2022 (Last Phase 2b/3 Part)		1 1
Phase 2b/3 Part) to 14 Aug 2022 (Last Phase 2b/3 Part) Phase of Development: Phase 2/3	observation date of the	last participant in
Phase 2b/3 Part) to 14 Aug 2022 (Last Phase 2b/3 Part) Phase of Development: Phase 2/3 Objectives and Endpoints: Phase 2a Part; Participants with Mild/N	observation date of the Moderate or Asymptoma	last participant in
Phase 2b/3 Part) to 14 Aug 2022 (Last Phase 2b/3 Part) Phase of Development: Phase 2/3 Objectives and Endpoints: Phase 2a Part; Participants with Mild/N Infection	observation date of the Moderate or Asymptoma	last participant in
<ul> <li>Phase 2b/3 Part) to 14 Aug 2022 (Last Phase 2b/3 Part)</li> <li>Phase of Development: Phase 2/3</li> <li>Objectives and Endpoints:</li> <li>Phase 2a Part; Participants with Mild/N Infection</li> <li>Objectives</li> </ul>	observation date of the Moderate or Asymptoma En	last participant in atic SARS-CoV-2 <b>dpoints</b> tomatic severe acute
Phase 2b/3 Part) to 14 Aug 2022 (Last Phase 2b/3 Part) Phase of Development: Phase 2/3 Objectives and Endpoints: Phase 2a Part; Participants with Mild/N Infection Objectives Primary Common to participants with mild/me	observation date of the         Moderate or Asymptoma         En         oderate and with asymp         SARS-CoV-2) infection         of         • Change from	last participant in atic SARS-CoV-2 <b>dpoints</b> tomatic severe acute
<ul> <li>Phase 2b/3 Part) to 14 Aug 2022 (Last Phase 2b/3 Part)</li> <li>Phase of Development: Phase 2/3</li> <li>Objectives and Endpoints:</li> <li>Phase 2a Part; Participants with Mild/N Infection</li> <li>Objectives</li> <li>Primary</li> <li>Common to participants with mild/merspiratory syndrome coronavirus 2 (Section 2016)</li> <li>To investigate the antiviral effect 5-day administration of S-217622 participants with SARS-CoV-2</li> </ul>	observation date of the         Moderate or Asymptoma         En         oderate and with asymp         SARS-CoV-2) infection         of         • Change from	last participant in atic SARS-CoV-2 dpoints tomatic severe acute a baseline in SARS-
<ul> <li>Phase 2b/3 Part) to 14 Aug 2022 (Last Phase 2b/3 Part)</li> <li>Phase of Development: Phase 2/3</li> <li>Objectives and Endpoints:</li> <li>Phase 2a Part; Participants with Mild/N Infection</li> <li>Objectives</li> <li>Primary</li> <li>Common to participants with mild/merespiratory syndrome coronavirus 2 (Section 2016)</li> <li>To investigate the antiviral effect 5-day administration of S-217622 participants with SARS-CoV-2 infection.</li> </ul>	observation date of the         Moderate or Asymptoma         En         oderate and with asymptoma         SARS-CoV-2) infection         of         • Change from 1         CoV-2 viral ti	last participant in atic SARS-CoV-2 dpoints tomatic severe acute a baseline in SARS- ter at each time point

other than the primary endpoint in participants with SARS-CoV-2	<ul> <li>Time to the first negative SARS- CoV-2 viral titer</li> </ul>
infection.	<ul> <li>Time to negative SARS-CoV-2 viral titers at 2 consecutive time points</li> </ul>
	<ul> <li>Time to sustained negative SARS-CoV-2 viral titer</li> </ul>
	<ul> <li>Proportion of participants with positive SARS-CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>SARS-CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>Relative change rate from baseline in SARS-CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>Area under the curve (AUC) of change in SARS-CoV-2 viral titer</li> </ul>
	• The following endpoints concerning reverse transcription polymerase chain reaction (RT-PCR) testing (nasopharyngeal swabs)
	<ul> <li>Time to the first negative RT- PCR result</li> </ul>
	<ul> <li>Time to negative RT-PCR results at 2 consecutive time points</li> </ul>
	<ul> <li>Time to sustained negative RT- PCR results</li> </ul>
	<ul> <li>Proportion of participants with positive RT-PCR result at each time point</li> </ul>
	<ul> <li>Amount of SARS-CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>Change from baseline in the amount of SARS-CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>Relative change rate from baseline in the amount of SARS- CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>AUC of change in the amount of SARS-CoV-2 viral RNA</li> </ul>

<ul> <li>Proportion of participants with the following or higher scores on the 8-Point Ordinal Scale and the time from the first dose of study intervention to reach the scores</li> <li>Symptomatic, no limitation of</li> </ul>
activities (Score 1)
<ul> <li>Symptomatic, limitation of activities (Score 2)</li> </ul>
<ul> <li>Hospitalized, no oxygen therapy (Score 3)</li> </ul>
<ul> <li>Hospitalized, with oxygen therapy (&lt; 5 L/min) (Score 4)</li> </ul>
<ul> <li>Hospitalized, with oxygen therapy (≥ 5 L/min) (Score 5)</li> </ul>
<ul> <li>Hospitalized, with ventilation (Score 6)</li> </ul>
– Death (Score 7)
<ul> <li>Saturation of percutaneous oxygen (SpO<sub>2</sub>) at each time point</li> </ul>
<ul> <li>Change from baseline in EuroQol 5 dimensions 5-level (EQ-5D-5L)</li> </ul>
<ul> <li>Plasma concentration of S-217622 (Days 2, 6)</li> </ul>
<ul> <li>Adverse events (AEs), laboratory tests, and vital signs (systolic/diastolic blood pressure, pulse rate, respiratory rate), electrocardiography (ECG)</li> </ul>
oV-2 infection <sup>a</sup>
• Time to first improvement of coronavirus disease 2019 (COVID-19) symptoms <sup>b, c</sup>
<ul> <li>Time to first improvement of COVID-19 symptoms (duration of recovery, 72 hours [3 days] or longer)<sup>b, c, d</sup></li> </ul>

	<ul> <li>Time to first improvement of COVID-19 symptoms (duration of recovery, 120 hours [5 days] or longer)<sup>b, c, d</sup></li> <li>Time to first improvement of each COVID-19 symptom<sup>b, c</sup></li> <li>Change from baseline in the total score of COVID-19 symptoms at each time point<sup>b</sup></li> <li>Proportion of participants with improvement of COVID-19 symptoms and each symptom at each time point<sup>b, c</sup></li> <li>Proportion of participants with taste disorder or smell disorder at each time point</li> <li>Time to resolution of fever (&lt; 37.0°C)</li> </ul>
Participants with asymptomatic SARS-Co	· · · · · · · · · · · · · · · · · · ·
• To investigate the preventive effect of 5-day administration of S-217622 in participants with asymptomatic SARS-CoV-2 infection.	<ul> <li>Proportion of participants with development of COVID-19 symptoms<sup>e, f</sup></li> <li>Proportion of participants with development of COVID-19 symptoms with fever (≥ 37.0°C)<sup>e, f</sup></li> </ul>
Exploratory	
Common to participants with mild/modera infection <sup>a</sup>	ate and with asymptomatic SARS-CoV-2
• To evaluate the amino acid substitutions in 3CL protease (nsp5) cleavage site following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.	• Gene sequence of 3CL protease (nsp5) cleavage site following drug administration
• To evaluate immunity in participants with SARS-CoV-2 infection.	• Geometric mean titer for SARS- CoV-2 neutralizing antibody titer (Days 1, 28)
• To evaluate the effect of 5-day administration of S-217622 on aggravation markers in participants with SARS-CoV-2 infection.	• Change from baseline in aggravation markers <sup>g</sup>

 To investigate the effect on postacute COVID-19 syndrome following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.
 Proportion of participants with postacute COVID-19 syndrome at each time point

Phase 2b Part; Participants with Mild/Moderate SARS-CoV-2 Infection

Objectives	Endpoints
Primary	
• To compare the effect in improving clinical symptoms following 5-day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection, based on the time-weighted average change in total score of 12 COVID-19 symptoms from initiation of administration (Day 1) up to 120 hours (Day 6).	<ul> <li>Time-weighted average change in total score of 12 COVID-19 symptoms from initiation of administration (Day 1) up to 120 hours (Day 6)<sup>b</sup></li> </ul>
• To compare the antiviral effect following 5-day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection, based on the change from baseline on Day 4 in SARS-CoV-2 viral titer.	• Change from baseline on Day 4 in SARS-CoV-2 viral titer
Secondary	
• To compare the effect in improving clinical symptoms following 5-day	• Time to first improvement of COVID-19 symptoms <sup>b, c</sup>
administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection.	<ul> <li>Time to first improvement of COVID-19 symptoms (duration of recovery, 72 hours [3 days] or longer)<sup>b, c, d</sup></li> </ul>
	<ul> <li>Time to first improvement of COVID-19 symptoms (duration of recovery, 120 hours [5 days] or longer)<sup>b, c, d</sup></li> </ul>
	• Time to first improvement of each COVID-19 symptom <sup>b, c</sup>
	<ul> <li>Change from baseline in total score of COVID-19 symptoms at each time point<sup>b</sup></li> </ul>

	<ul> <li>Proportion of participants with positive RT-PCR result at each time point</li> </ul>
	<ul> <li>Amount of SARS-CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>Change from baseline in the amount of SARS-CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>Relative change rate from baseline in the amount of SARS- CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>AUC of change in the amount of SARS-CoV-2 viral RNA</li> </ul>
• To compare the effect to prevent aggravation following 5-day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection.	• Proportion of participants with the following or higher scores on the 8-Point Ordinal Scale and the time from the first dose of study intervention to reach the scores
	<ul> <li>Symptomatic, no limitation of activities (Score 1)</li> </ul>
	<ul> <li>Symptomatic, limitation of activities (Score 2)</li> </ul>
	<ul> <li>Hospitalized, no oxygen therapy (Score 3)</li> </ul>
	<ul> <li>Hospitalized, with oxygen therapy (&lt; 5 L/min) (Score 4)</li> </ul>
	<ul> <li>Hospitalized, with oxygen therapy (≥ 5 L/min) (Score 5)</li> </ul>
	<ul> <li>Hospitalized, with ventilation (Score 6)</li> </ul>
	– Death (Score 7)
	• SpO <sub>2</sub> at each time point
• To compare QOL following 5-day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection.	<ul> <li>Change from baseline in EQ-5D-5L</li> </ul>
• To confirm the PK following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.	• S-217622: Plasma concentration (Days 2, 6)

• To compare the safety and tolerability following 5-day administration of S-217622 with those of placebo in participants with SARS-CoV-2 infection.	• AEs, laboratory tests, and vital signs (systolic/diastolic blood pressure, pulse rate, and respiratory rate)
Exploratory	
• To analyse SARS-CoV-2 lineage for participants with SARS-CoV-2 infection.	• Spike gene sequence of SARS- CoV-2
• To perform polymorphism analysis of 3CL protease (nsp5) for participants with SARS-CoV-2 infection.	• Gene sequence of 3CL protease (nsp5) of SARS-CoV-2
• To evaluate the amino acid substitutions in 3CL protease (nsp5) and its cleavage site following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.	• Gene sequence of 3CL protease (nsp5) and its cleavage site following study intervention administration
• To evaluate the antiviral activity of S-217622 against SARS-CoV-2 in participants' specimen.	• Half maximal effective concentration (EC <sub>50</sub> ) of S-217622 on SARS-CoV-2 isolated from baseline sample
• To evaluate immunity in participants with SARS-CoV-2 infection.	• Geometric mean titer for SARS- CoV-2 neutralizing antibody titer (Days 1, 28)
• To evaluate the effect of 5-day administration of S-217622 on aggravation markers in participants with SARS-CoV-2 infection.	• Change from baseline in aggravation markers <sup>g</sup>
• To investigate the effect on post- acute COVID-19 syndrome following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.	• Proportion of participants with post- acute COVID-19 syndrome at each time point
Phase 3 Part, Participants with Mild/Moder	rate SARS-CoV-2 Infection
Objectives	Endpoints
Primary	

• To compare the effect in improving clinical symptoms following 5-day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection <sup>n</sup> , based on the time to resolution of 5 COVID-19 symptoms.	• Time to resolution of 5 COVID-19 symptoms <sup>h,o</sup>
Key Secondary	
• To compare the antiviral effect following 5-day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection <sup>n</sup> , based on the change from baseline on Day 4 in the amount of SARS-CoV-2 viral RNA.	• Change from baseline on Day 4 in the amount of SARS-CoV-2 viral RNA
• To compare the antiviral effect of 5- day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection <sup>n</sup> , based on time to the first negative SARS-CoV-2 viral titer.	• Time to the first negative SARS-CoV-2 viral titer
Other Secondary	
• To compare the effect in improving clinical symptoms following 5-day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection.	<ul> <li>Time to resolution of 5 COVID-19 symptoms without recurrence (duration of resolution: 48 hours [2 days] or longer)<sup>h,o,p</sup></li> <li>Time to resolution of 12 COVID-19</li> </ul>
	symptoms and COVID-19 symptom groups <sup>b,h,q</sup>
	• Time to resolution of 14 COVID-19 symptoms including taste disorder and smell disorder <sup>e,k</sup>
	• Time to resolution of each the 5 COVID-19 symptoms <sup>h,o</sup>
	• Proportion of participants with taste disorder or smell disorder at each time point
	• Time to resolution of fever (< 37.0°C)
	• Proportion of participants without resolution of COVID-19 symptoms after 3 weeks of administration <sup>b,i</sup>

• To compare the antiviral effect of 5- day administration of S-217622 with	• The following endpoints concerning SARS-CoV-2 viral titer
that of placebo in participants with SARS-CoV-2 infection.	<ul> <li>Time to sustained negative</li> <li>SARS-CoV-2 viral titer</li> </ul>
	<ul> <li>Proportion of participants with positive SARS-CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>SARS-CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>Change from baseline in SARS- CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>Relative change rate from baseline in SARS-CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>AUC of change in SARS-CoV-2 viral titer</li> </ul>
	• The following endpoints concerning RT-PCR testing (nasopharyngeal swabs)
	<ul> <li>Proportion of participants with positive RT-PCR result at each time point</li> </ul>
	<ul> <li>Amount of SARS-CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>Change from baseline in the amount of SARS-CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>Relative change rate from baseline in the amount of SARS- CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>AUC of change in the amount of SARS-CoV-2 viral RNA</li> </ul>

• To compare the effect to prevent aggravation following 5-day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection.	• Proportion of participants with the following or higher scores on the 8-Point Ordinal Scale and time from the first dose of study intervention to reach the scores
	<ul> <li>Symptomatic, no limitation of activities (Score 1)</li> </ul>
	<ul> <li>Symptomatic, limitation of activities (Score 2)</li> </ul>
	<ul> <li>Hospitalized, no oxygen therapy (Score 3)</li> </ul>
	<ul> <li>Hospitalized, with oxygen therapy (&lt; 5 L/min) (Score 4)</li> </ul>
	<ul> <li>Hospitalized, with oxygen therapy (≥ 5 L/min) (Score 5)</li> </ul>
	<ul> <li>Hospitalized, with ventilation (Score 6)</li> </ul>
	– Death (Score 7)
	• SpO <sub>2</sub> at each time point
• To compare QOL following 5-day administration of S-217622 with that of placebo in participants with SARS-CoV-2 infection.	• Change from baseline in EQ-5D-5L
• To confirm the PK following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.	• S-217622: Plasma concentration (Days 2, 6)
• To compare the safety and tolerability following 5-day administration of S-217622 with those of placebo in participants with SARS-CoV-2 infection.	• AEs, laboratory tests, and vital signs (systolic/diastolic blood pressure, pulse rate, and respiratory rate)
Exploratory	
• To analyse SARS-CoV-2 lineage for participants with SARS-CoV-2 infection.	• Spike gene sequence of SARS- CoV-2
• To perform polymorphism analysis of 3CL protease (nsp5) for participants with SARS-CoV-2 infection.	• Gene sequence of 3CL protease (nsp5) of SARS-CoV-2
• To evaluate the amino acid substitutions in 3CL protease (nsp5)	• Gene sequence of 3CL protease (nsp5) and its cleavage site

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and its cleavage site following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.	following study intervention administration
• To evaluate the antiviral activity of S-217622 against SARS-CoV-2 in participant's specimen.	• EC <sub>50</sub> of S-217622 on SARS-CoV-2 isolated from baseline sample
• To evaluate immunity in participants with SARS-CoV-2 infection.	• Geometric mean titer for SARS- CoV-2 neutralizing antibody titer (Days 1, 28)
• To evaluate the effect of 5-day administration of S-217622 on	• Change from baseline in aggravation markers <sup>g</sup>
aggravation markers in participants with SARS-CoV-2 infection.	• Amount of viral antigen (spike, nucleocapsid), antiviral antigen antibody, and viral RNA in blood at each time point
• To investigate the effect on post- acute COVID-19 syndrome following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.	• Proportion of participants with post- acute COVID-19 syndrome at each time point
• To compare the antiviral effect following 5-day administration of S-217622 with that of placebo in	• Time to the viral RNA < lower limit of quantitation (LLOQ) and the negative RT-PCR result
participants with SARS-CoV-2 infection.	• Time to the first viral RNA < lowest amount of virus that could be detected with a positivity rate greater than 95% by probit analysis (LLOD <sub>95</sub> )

Phase 2b/3 Part; Participants with Asymptomatic/Mild Symptoms Only SARS-CoV-2 Infection

Objectives	Endpoints
Common to participants with asymptomatic SARS-CoV-2 infection and those mild symptoms only <sup>a</sup>	
• To perform exploratory evaluation of the antiviral effect of 5-day administration of S-217622 in participants with SARS-CoV-2	<ul> <li>The following endpoints concerning SARS-CoV-2 viral titer</li> <li>Time to the first negative SARS- CoV-2 viral titer</li> </ul>
infection.	<ul> <li>Time to sustained negative SARS-CoV-2 viral titer</li> </ul>

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	<ul> <li>Proportion of participants with positive SARS-CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>SARS-CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>Change from baseline in SARS- CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>Relative change rate from baseline in SARS-CoV-2 viral titer at each time point</li> </ul>
	<ul> <li>AUC of change in SARS-CoV-2 viral titer</li> </ul>
	• The following endpoints concerning RT-PCR testing (nasopharyngeal swabs)
	<ul> <li>Proportion of participants with positive RT-PCR result at each time point</li> </ul>
	<ul> <li>Amount of SARS-CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>Change from baseline on Day 4 in the amount of SARS-CoV-2 viral RNA</li> </ul>
	<ul> <li>Change from baseline in the amount of SARS-CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>Relative change rate from baseline in the amount of SARS- CoV-2 viral RNA at each time point</li> </ul>
	<ul> <li>AUC of change in the amount of SARS-CoV-2 viral RNA</li> </ul>
	• Time to the viral RNA < LLOQ and the negative RT-PCR result
	• Time to the first viral RNA < LLOD <sub>95</sub>
• To perform exploratory evaluation of the effect in improving clinical symptoms following 5-day administration of S-217622 in	<ul> <li>Proportion of participants with taste disorder or smell disorder at each time point</li> </ul>

participants with SARS-CoV-2 infection. • To perform exploratory evaluation Proportion of participants with the • of the effect to prevent aggravation following or higher scores on the following 5-day administration of 8-Point Ordinal Scale and time from S-217622 in participants with the first dose of study intervention to SARS-CoV-2 infection. reach the scores Symptomatic, no limitation of activities (Score 1) Symptomatic, limitation of activities (Score 2) Hospitalized, no oxygen therapy (Score 3) Hospitalized, with oxygen therapy (< 5 L/min) (Score 4) Hospitalized, with oxygen therapy ( $\geq$  5 L/min) (Score 5) Hospitalized, with ventilation (Score 6) – Death (Score 7)  $SpO_2$  at each time point To exploratorily evaluate QOL Change from baseline in EQ-5D-5L following 5-day administration of S-217622 in participants with SARS-CoV-2 infection. To confirm the PK following 5-day S-217622: Plasma concentration administration of S-217622 in (Days 2, 6)participants with SARS-CoV-2 infection. ٠ To compare the safety and • AEs, laboratory tests, and vital signs tolerability following 5-day (systolic/diastolic blood pressure, administration of S-217622 with pulse rate, and respiratory rate) those of placebo in participants with SARS-CoV-2 infection. To analyse SARS-CoV-2 lineage for Spike gene sequence of SARS-۲ participants with SARS-CoV-2 CoV-2 infection. To perform polymorphism analysis • Gene sequence of 3CL protease of 3CL protease (nsp5) for (nsp5) of SARS-CoV-2 participants with SARS-CoV-2 infection.

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• To evaluate the amino acid substitutions in 3CL protease (nsp5) and its cleavage site following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.	• Gene sequence of 3CL protease (nsp5) and its cleavage site following study intervention administration	
• To evaluate the antiviral activity of S-217622 against SARS-CoV-2 in participants' specimen.	• EC <sub>50</sub> of S-217622 on SARS-CoV-2 isolated from baseline sample	
• To evaluate immunity in participants with SARS-CoV-2 infection.	• Geometric mean titer for SARS- CoV-2 neutralizing antibody titer (Days 1, 28)	
• To evaluate the effect of 5-day administration of S-217622 on aggravation markers in participants with SARS-CoV-2 infection.	• Change from baseline in aggravation markers <sup>g</sup>	
• To investigate the effect on post- acute COVID-19 syndrome following 5-day administration of S-217622 in participants with SARS-CoV-2 infection.	• Proportion of participants with post- acute COVID-19 syndrome at each time point	
Participants with asymptomatic SARS-CoV-2 infection <sup>a</sup>		
• To perform exploratory evaluation of the effect of 5-day administration of S-217622 on preventing development of symptoms in	• Proportion of participants who developed 8 COVID-19 symptoms or fever assessed using a thermometer <sup>r, s</sup>	
participants with asymptomatic SARS-CoV-2 infection.	• Proportion of participants who developed 14 COVID-19 symptoms or fever assessed using a thermometer <sup>e, m</sup>	
Participants with mild symptoms only SARS-CoV-2 infection <sup>a</sup>		
• To perform exploratory evaluation of the effect of 5-day administration of S-217622 on preventing worsening of symptoms in participants with mild symptoms	<ul> <li>Proportion of participants whose 8 COVID-19 symptoms or fever assessed using a thermometer worsened<sup>r, s</sup></li> </ul>	
only SARS-CoV-2 infection.	<ul> <li>Proportion of participants whose 14 COVID-19 symptoms or fever assessed using a thermometer worsened<sup>e, m</sup></li> </ul>	

exclusion criterion #1 to #5 in Section 9.3.2.2.

- b The following 12 symptoms were evaluated: low energy or tiredness, muscle or body aches, headache, chills or shivering, feeling hot or feverish, stuffy or runny nose, sore throat, cough, shortness of breath (difficulty breathing), nausea, vomiting, and diarrhea.
- c The 12 symptoms of COVID-19 were evaluated on a 4-point scale of 0 to 3 (0, None; 1, Mild; 2, Moderate; 3, Severe). The time to improvement of COVID-19 symptoms was defined as the time from the start of study intervention to when all of the symptoms met the following criteria.
  - Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant to have worsened at baseline (pre-treatment examination): Severe symptoms at baseline remained improved to moderate or better, or moderate symptoms at baseline remained improved to mild or better for 24 hours.
  - Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant not to have worsened at baseline (pre-treatment examination): Severe symptoms at baseline remained severe or better, or moderate symptoms at baseline remained moderate or improved for 24 hours.
  - Symptoms other than the above (Symptoms that had not occurred before the onset of COVID-19, occurred after baseline [pre-treatment examination]): Mild or better condition remained for 24 hours.
- d As for the definition of the time to improvement of COVID-19 symptoms described in c, the duration of improvement read as 72 hours or longer, or 120 hours or longer.
- e A total of 14 symptoms were evaluated: taste disorder and smell disorder were added to the 12 symptoms, ie, low energy or tiredness, muscle or body aches, headache, chills or shivering, feeling hot or feverish, stuffy or runny nose, sore throat, cough, shortness of breath (difficulty breathing), nausea, vomiting, and diarrhea.
- f Of the 14 symptoms in COVID-19, taste disorder and smell disorder were evaluated on a 3-point scale of 0 to 2 (0, The same as usual; 1, Less than usual; 2, No sense of smell/taste). The other 12 symptoms were evaluated on a 4-point scale of 0 to 3 (0, None; 1, Mild; 2, Moderate; 3, Severe). Participants with development of any COVID-19 symptoms were defined as participants who had symptoms meeting any of the following criteria.
  - The scores for taste disorder or smell disorder worsened from 0 (The same as usual) to 1 (Less than usual) or 2 (No sense of smell/taste).
  - Feeling hot or feverish, cough, or shortness of breath (difficulty breathing): Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe on any of the symptoms (severe symptoms at baseline were excluded from the onset judgement of COVID-19 symptoms).
  - Low energy or tiredness, muscle or body aches, headache, chills or shivering, stuffy or runny nose, sore throat, nausea, vomiting, or diarrhea: Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe on 2 or more symptoms at the same point (severe symptoms at baseline were excluded from the onset judgement of COVID-19 symptoms).
- g Aggravation markers included platelet count, hemoglobin, white blood cell count, lymphocyte count, ALT, LDH, albumin, CRP, CK, PT-INR, IL-6, IFN-λ3, TARC (CCL17), D-dimer, procalcitonin, and KL-6.
- h The 12 symptoms of COVID-19 were evaluated on a 4-point scale of 0 to 3 (0, None; 1, Mild; 2, Moderate; 3, Severe). The time to resolution of COVID-19 symptoms was defined as the time from the start of study intervention to when all of the symptoms met the following criteria.
  - Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant to have worsened at baseline (pre-treatment examination): Severe symptoms at baseline remained improved to moderate or better, moderate symptoms at baseline remained improved to mild or better, and mild symptoms at baseline remained mild or better for 24 hours.

- Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant not to have worsened at baseline (pre-treatment examination): Severe symptoms at baseline remained severe or improved, moderate symptoms at baseline remained moderate or improved, and mild symptoms at baseline remained mild or improved for 24 hours.
- Symptoms other than the above (symptoms that had not occurred before the onset of COVID-19, and occurred after baseline [pre-treatment examination]): The condition with no symptoms remained for 24 hours.
- i The 12 symptoms of COVID-19 were evaluated on a 4-point scale of 0 to 3 (0, None; 1, Mild; 2, Moderate; 3, Severe). The proportion of participants without resolution of COVID-19 symptoms after 3 weeks of administration was defined as the proportion of participants with one or more 12 COVID-19 symptoms which had not resolved at the final evaluation point after 3 weeks of administration, that is, on or after Day 18 (after 432 hours [18 days] from initiation of administration) taking into account the time allowance of Day 21. Resolution of COVID-19 symptoms at the final evaluation point was assessed according to the following rules:
  - Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant to have worsened at baseline (pre-treatment examination): Severe symptoms at baseline improved to moderate or better, moderate symptoms at baseline improved to mild or better, and mild symptoms at baseline remained mild or improved better at the final evaluation point.
  - Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant not to have worsened at baseline (pre-treatment examination): Severe symptoms at baseline remained severe or improved, moderate symptoms at baseline remained moderate or improved, and mild symptoms at baseline remained mild or improved at the final evaluation point.
  - Symptoms other than the above (symptoms that had not occurred before the onset of COVID-19, and occurred after baseline [pre-treatment examination]): No symptoms were observed at the final evaluation point.
- k Of the 14 symptoms in COVID-19, taste disorder and smell disorder were evaluated on a 3-point scale of 0 to 2 (0, The same as usual; 1, Less than usual; 2, No sense of smell/taste). The other 12 symptoms were evaluated on a 4-point scale of 0 to 3 (0, None; 1, Mild; 2, Moderate; 3, Severe). The time to resolution of COVID-19 symptoms including taste disorder and smell disorder was defined as the time from the start of study intervention to when all of the symptoms met the following criteria.
  - Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant to have worsened at baseline (pre-treatment examination): As for taste disorder and smell disorder, 2 (No sense of smell/taste) remained improved to 1 (Less than usual) or better, or 1 (Less than usual) remained 1 (Less than usual) or better for 24 hours; and as for the other 12 symptoms, severe symptoms at baseline remained improved to moderate or better, moderate symptoms at baseline remained improved to mild or better, or mild symptoms at baseline remained mild or better for 24 hours.
  - Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant not to have worsened at baseline (pre-treatment examination): As for taste disorder and smell disorder, 2 (No sense of smell/taste) remained 2 (No sense of smell/taste) or improved, or 1 (Less than usual) remained 1 (Less than usual) or improved for 24 hours; and as for the other 12 symptoms, severe symptoms at baseline remained severe or improved, moderate symptoms at baseline have remained moderate or improved, or mild symptoms at baseline remained mild or improved for 24 hours.
  - Symptoms other than the above (symptoms that had not occurred before the onset of COVID-19, and occurred after baseline [pre-treatment examination]): 0 (The same as usual) as for taste disorder and smell disorder and the condition with no symptoms as for the other 12 symptoms remained for 24 hours.

n Of the 14 COVID-19 symptoms, taste disorder and smell disorder were evaluated on a 3-point scale of 0 to 2 (0, The same as usual; 1, Less than usual; 2, No sense of smell/taste). The other 12 symptoms were evaluated on a 4-point scale of 0 to 3 (0, None; 1, Mild; 2, Moderate; 3, Severe). Body temperature was assessed with axillary temperature. Participants with development/worsening of the COVID-19 symptoms or fever assessed using a thermometer were defined as participants who had symptoms meeting either of the following criteria ([a] or [b]).

<Symptom development>

- (a) When meeting either of the following criteria in 2 symptoms of shortness of breath (difficulty breathing) and fever assessed using a thermometer:
- Shortness of breath (difficulty breathing): Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe. Severe symptoms at baseline were excluded from the judgement of the development of COVID-19 symptoms.
- Fever assessed using a thermometer: Fever  $< 37.5^{\circ}$ C at baseline has worsened to  $\ge 37.5^{\circ}$ C
- (b) When meeting the following criteria in at least 2 of the 13 symptoms excluding shortness of breath (difficulty breathing), at the same point:
- 11 symptoms excluding taste disorder and smell disorder: Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe, which were maintained for 24 hours. Severe symptoms at baseline were excluded from the judgement of the development of COVID-19 symptoms.
- Taste disorder and smell disorder: Severity at baseline worsened from 0 (The same as usual) to 1 (Less than usual) or 2 (No sense of smell/taste), which was maintained for 24 hours.

<Symptom worsening>

- (a) When meeting either of the following criteria in 2 symptoms of shortness of breath (difficulty breathing) and fever assessed using a thermometer:
- Shortness of breath (difficulty breathing): Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe. Severe symptoms at baseline were excluded from the judgement of the worsening of COVID-19 symptoms.
- Fever assessed using a thermometer: Fever < 37.5°C at baseline worsened to ≥ 37.5°C,</li>
   ≥ 37.5°C and < 38.0°C at baseline worsened to ≥ 38.0°C, and ≥ 38.0°C and < 38.5°C at baseline worsened to ≥ 38.5°C. Fever ≥ 38.5°C at baseline were excluded from the judgement of the worsening of fever assessed using a thermometer.</li>
- (b) When meeting the following criteria in at least 2 of the 13 symptoms excluding shortness of breath (difficulty breathing), at the same point:
- 11 symptoms excluding taste disorder and smell disorder: Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe, which were maintained for 24 hours. Severe symptoms at baseline were excluded from the judgement of the worsening of COVID-19 symptoms.
- Taste disorder and smell disorder: Severity at baseline worsened from 0 (The same as usual) to 1 (Less than usual) or 2 (No sense of smell/taste), or from 1 (Less than usual) to 2 (No sense of smell/taste), which was maintained for 24 hours. The baseline score of 2 (No sense of smell/taste) was excluded from the judgement of the worsening of COVID-19 symptoms.
- n While the primary analysis population was defined as a population with < 72 hours of time from the onset of COVID-19 to randomization out of the intention-to-treat (ITT) population or modified intention-to-treat (mITT) population, the evaluation was performed in the ITT population or mITT population as well.

- The following 5 symptoms were evaluated: stuffy or runny nose, sore throat, cough, feeling hot or feverish, and low energy or tiredness.
- p Recurrence was judged if any symptom met the following criteria after the resolution of evaluated COVID-19 symptoms (duration of resolution: 48 hours [2 days] or longer).
  - Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant to have worsened at baseline (pre-treatment examination): Severe symptoms at baseline became severe, moderate or mild symptoms at baseline became moderate or worse, and remained so for 48 hours.
  - Pre-existing symptoms that were present prior to the onset of COVID-19 and considered by the participant not to have worsened at baseline (pre-treatment examination): Moderate symptoms at baseline became severe, and mild symptoms at baseline became moderate or worse, and remained so for 48 hours (symptoms with the severity of severe at baseline were not evaluated as recurrence).
  - Symptoms other than above (symptoms that had not occurred before the onset of COVID-19, and occurred after baseline [pre-treatment examination]): The symptoms became moderate or worse and remained so for 48 hours.
- q COVID-19 symptom groups to be evaluated included the following 3 categories:
  - Respiratory symptoms: stuffy or runny nose, sore throat, cough, and shortness of breath (difficulty breathing)
  - General symptoms: low energy or tiredness, muscle or body aches, headache, chills or shivering, and feeling hot or feverish
  - Gastrointestinal symptoms: nausea, vomiting, and diarrhea
- r The following 8 symptoms were evaluated: stuffy or runny nose, sore throat, cough, low energy or tiredness, feeling hot or feverish, shortness of breath (difficulty breathing), taste disorder, and smell disorder.
- S Of the 8 COVID-19 symptoms shown in "r", taste disorder and smell disorder were evaluated on a 3-point scale of 0 to 2 (0, The same as usual; 1, Less than usual; 2, No sense of smell/taste). The other 6 symptoms were evaluated on a 4-point scale of 0 to 3 (0, None; 1, Mild; 2, Moderate; 3, Severe). Body temperature was assessed with axillary temperature. Participants with development/worsening of the COVID-19 symptoms or fever assessed using a thermometer were defined as participants who had symptoms meeting either of the following criteria ([a] or [b]).
  - <Symptom development>
  - (a) When meeting either of the following criteria in 2 symptoms of shortness of breath (difficulty breathing) and fever assessed using a thermometer:
  - Shortness of breath (difficulty breathing): Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe. Severe symptoms at baseline were excluded from the judgement of the development of COVID-19 symptoms.
  - Fever assessed using a thermometer: Fever  $< 37.5^{\circ}$ C at baseline worsened to  $\ge 37.5^{\circ}$ C
  - (b) When meeting the following criteria in at least 2 of the 7 symptoms excluding shortness of breath (difficulty breathing), at the same point:
  - 5 symptoms excluding taste disorder and smell disorder: Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe, which were maintained for 24 hours. Severe symptoms at baseline were excluded from the judgement of the development of COVID-19 symptoms.
  - Taste disorder and smell disorder: Severity at baseline worsened from 0 (The same as usual) to 1 (Less than usual) or 2 (No sense of smell/taste), which was maintained for 24 hours.

<Symptom worsening>

- (a) When meeting either of the following criteria in 2 symptoms of shortness of breath (difficulty breathing) and fever assessed using a thermometer:
- Shortness of breath (difficulty breathing): Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe. Severe symptoms at baseline were excluded from the judgement of the worsening of COVID-19 symptoms.
- Fever assessed using a thermometer: Fever < 37.5°C at baseline worsened to ≥ 37.5°C,</li>
   ≥ 37.5°C and < 38.0°C at baseline worsened to ≥ 38.0°C, and ≥ 38.0°C and < 38.5°C at baseline worsened to ≥ 38.5°C. Fever ≥ 38.5°C at baseline was excluded from the judgement of the worsening of fever assessed using a thermometer.</li>
- (b) When meeting the following criteria in at least 2 of the 7 symptoms excluding shortness of breath (difficulty breathing), at the same point:
- 5 symptoms excluding taste disorder and smell disorder: Severity of none at baseline worsened to mild or worse, mild symptoms at baseline worsened to moderate or worse, or moderate symptoms at baseline worsened to severe, which were maintained for 24 hours. Severe symptoms at baseline were excluded from the judgement of the worsening of COVID-19 symptoms.
- Taste disorder and smell disorder: Severity at baseline worsened from 0 (The same as usual) to 1 (Less than usual) or 2 (No sense of smell/taste), or from 1 (Less than usual) to 2 (No sense of smell/taste), which was maintained for 24 hours. The baseline score of 2 (No sense of smell/taste) was excluded from the judgement of the worsening of COVID-19 symptoms.

#### **Methodology:**

This study consisted of four parts: Phase 2a Part enrolling participants with mild/moderate or asymptomatic SARS-CoV-2 infection, Phase 2b Part and Phase 3 Part enrolling participants with mild/moderate SARS-CoV-2 infection (cohort A to evaluate time to improvement), and Phase 2b/3 Part enrolling participants with asymptomatic/mild symptoms only SARS-CoV-2 infection (cohort B to evaluate development/worsening). This study was a multicenter, randomized, double-blind, placebo-controlled study. The participants were at home, at accommodation facilities, or in a hospital.

In each part, eligible participants were randomly assigned to S-217622 125 mg group, S-217622 250 mg group, or placebo group.

- S-217622 125 mg group (5-day administration once-daily): As a loading dose, S-217622 375 mg was administered only at the first study intervention. Thereafter, S-217622 125 mg was administered on Days 2 to 5.
- S-217622 250 mg group (5-day administration once-daily): As a loading dose, S-217622 750 mg was administered only at the first study intervention. Thereafter, S-217622 250 mg was administered on Days 2 to 5.
- Placebo group: Placebo was administered once daily for 5 days.

Each Part consisted of the intervention period (Days 1 to 5), the follow-up period (Days 6 to 28), and the exploratory period (Days 29 to 337), which was common for all Parts. Participants were considered to have completed the study if he/she had

completed the follow-up period. Only participants who agreed to participate in the exploratory period were evaluated in the period.

In this study, the Data and Safety Monitoring Board was established for the purpose of third-party evaluation of safety throughout the study period. The Independent Data Monitoring Committee (IDMC) was established for the interim analyses of Phase 2b/3 Part for the purpose of decision on stopping the study for efficacy reasons. It was to control such unblinded information as the key codes and the results of analysis which could have an impact on the conduct or evaluation of Phase 2b/3 Part. However, no interim analysis was performed because the enrollment of Phase 2b/3 Part was expected to achieve the target sample size when the interim analysis result would be available.

#### Number of Participants (Planned and Analyzed):

#### Planned:

For Phase 2a Part, 69 eligible participants with mild/moderate or asymptomatic SARS-CoV-2 infection were to be enrolled in 3 groups (23 participants/group). The number of participants by condition (mild/moderate or asymptomatic) in each group was not pre-defined.

For Phase 2b Part, 435 eligible participants with mild/moderate SARS-CoV-2 infection who had at least 1 moderate symptom were to be enrolled in 3 groups (145 participants/group).

For Phase 3 Part, 1590 eligible participants with mild/moderate SARS-CoV-2 infection were to be enrolled in 3 groups (530 participants/group). Of these, 780 eligible participants with < 72 hours from the onset of COVID-19 to randomization were to be enrolled in 3 groups (260 participants/group).

For Phase 2b/3 Part, 495 eligible participants with asymptomatic/mild symptoms only SARS-CoV-2 infection were to be enrolled in 3 groups (165 participants/group). In case it was judged that no interim analysis was to be performed for the purpose of decision on stopping for efficacy reasons, 480 eligible participants were to be randomly assigned to each of these intervention groups (160 participants/group).

#### Randomized (Phase 2b/3 Part):

A total of 605 participants were randomized in Phase 2b/3 Part (202 in the S-217622 125 mg group, 202 in the S-217622 250 mg group, and 201 in the placebo group).

#### Analyzed for efficacy (Phase 2b/3 Part):

Participants with asymptomatic/mild symptoms only SARS-CoV-2 infection

- Intention-to-treat (ITT) population:
   572 participants (194 in the S-217622 125 mg group, 189 in the S-217622 250 mg group, and 189 in the placebo group)
- Modified intention-to-treat (mITT) population:
   277 participants (92 in the S-217622 125 mg group, 106 in the S-217622 250 mg group, and 79 in the placebo group)

#### Analyzed for safety (Phase 2b/3 Part):

• Safety analysis population: 604 participants (201 in the S-217622 125 mg group, 202 in the S-217622 250 mg group, and 201 in the placebo group)

#### **Diagnosis and Main Criteria for Inclusion:**

1. Inclusion criteria

Common to participants with mild/moderate, with asymptomatic, and with asymptomatic/mild symptoms only SARS-CoV-2 infection:

- Male and female participants who were 12 to < 70 years of age, at the time of signing the informed consent/assent.
- Participants who were diagnosed as SARS-CoV-2 positive within 120 hours before randomization.

• Participants under 18 years of age at the time of assent had to weigh  $\ge$  40 kg. Participants with mild/moderate SARS-CoV-2 infection only (Phase 2a Part, Phase 2b

Part, and Phase 3 Part):

- Participants with a time from COVID-19 onset (when at least one of 14 symptoms of COVID-19 occurred) to randomization of  $\leq$  120 hours.
- Participants who had at least one moderate (COVID-19 score: 2) or severe symptom among the 12 COVID-19 symptoms at randomization (excluding symptoms present prior to COVID-19 onset)

Or participants who had at least one moderate (COVID-19 score: 2) or severe pre-existing symptom (symptoms present prior to COVID-19 onset) which the participants considered to have worsened at baseline.

Participants with asymptomatic SARS-CoV-2 infection only (Phase 2a Part only):

• Participants who had none of the COVID-19 symptoms (except symptoms present before SARS-CoV-2 infection) within 2 weeks before randomization.

Participants with asymptomatic/mild symptoms only SARS-CoV-2 infection (Phase 2b/3 Part only):

- Participants who did not have any moderate (COVID-19 symptom score: 2) or severe symptoms out of the 12 symptoms due to COVID-19 within 2 weeks before randomization (excluding symptoms present prior to COVID-19 onset).
- 2. Exclusion criteria
  - Participants with a SpO<sub>2</sub> during wakefulness of  $\leq 93\%$  (room air).
  - Participants who needed oxygen administration or a respirator.
  - Participants who were strongly suspected to have worsening of symptoms of SARS-CoV-2 infection within 48 hours after randomization, in the opinion of the investigator/subinvestigator.
  - Participants with suspected active and systemic infections requiring treatment at the time of randomization (excluding SARS-CoV-2).

Test Product, Dose and Mode of Administration, Lot Number (Phase 2b/3 Part):		
Study Intervention Name	Packaging Lot No.	
S-217622 tablet 250 mg	Japan:	
S-217622 tablet 125 mg	Day1,	
_		
	Days 2 to 5,	
	South Korea/Singapore:	
	Day1,	
	Days 2 to 5,	
	Vietnam:	
	Day1,	
	Days 2 to 5,	
S-217622 tablet 250 mg or S-217622 tablet 125 mg was orally administered as described in the Methodology.		
<b>Duration of Treatment:</b>		
Once daily for 5 days		
Reference Therapy, Dose and Mode of Administration, Lot Number (Phase 2b/3 Part):		
Study Intervention Name	Packaging Lot No.	
S-217622 tablet Placebo-D	Japan:	
S-217622 tablet Placebo-B	Day1,	
	Days 2 to 5,	
	South Korea/Singapore:	
	Day1,	
	Davis 2 to 5	
	Days 2 to 5,	

	Vietnam:
	Day1,
	Days 2 to 5,

S-217622 tablet Placebo-D and/or S-217622 tablet Placebo-B was orally administered as described in the Methodology.

#### Criteria for Evaluation:

#### **Efficacy Assessment:**

1. Virologic Examination

The investigator or his/her designee took nasopharyngeal swab from participants. SARS-CoV-2 virus titer and amount of viral RNA were measured, whether the sample was positive or negative was determined by RT-PCR.

2. Participant Diary

Participants assessed their COVID-19 symptom scores and EQ-5D-5L, measured SpO<sub>2</sub> and temperature, and entered the results in the participant diary.

COVID-19 Symptom Score

Of the 14 COVID-19 symptoms listed below, participants assessed taste disorder and smell disorder themselves using a 3-point scale of 0 to 2 (0, The same as usual; 1, Less than usual; 2, No sense of smell/taste) and the other 12 symptoms using a 4-point scale of 0 to 3 (0, None; 1, Mild; 2, Moderate;

- 3, Severe) according to the protocol-specified schedule.
- General symptoms: Low energy or tiredness, muscle or body aches, headache, chills or shivering, feeling hot or feverish, taste disorder, smell disorder
- Respiratory symptoms: Stuffy or runny nose, sore throat, cough, and shortness of breath (difficulty breathing)
- Gastrointestinal symptoms: Nausea, vomiting, and diarrhea
- SpO<sub>2</sub>

Participants measured SpO<sub>2</sub> using a pulse oximeter according to the protocolspecified schedule.

Body Temperature

Participants measured axillary temperature according to the protocol-specified schedule.

• EQ-5D-5L

Participants assessed EQ-5D-5L according to the protocol-specified schedule. EQ-5D-5L questionnaire consists of 2 pages: EQ-5D-5L descriptive questionnaire and EQ Visual Analog Scale (VAS). The descriptive questionnaire assesses 5 parameters (mobility, self-care, usual activities, pain/discomfort, and anxiety/depression) on a 5-point scale. The EQ VAS scores assess the participant's current health on a 20 cm visual analogue scale, where the best state is 100 and the worst state is 0.

3. 8-Point Ordinal Scale

The investigator/subinvestigator assessed the participant's condition on the 8-Point Ordinal Scale of 0 to 7 according to the protocol-specified schedule.

The scores on the 8-Point Ordinal Scale are 0) Asymptomatic; 1) Symptomatic, no limitation of activities; 2) Symptomatic, limitation of activities; 3) Hospitalized, no oxygen therapy; 4) Hospitalized, with oxygen therapy ( $\leq 5$  L/min); 5) Hospitalized, with oxygen therapy ( $\geq 5$  L/min); 6) Hospitalized, with ventilation; and 7) Death.

#### **Other Assessments:**

Results of the following assessments will be reported separately from the clinical study report (CSR).

- Biomarkers (aggravation markers)
- SARS-CoV-2 lineage
- Polymorphisms of 3CL Protease (nsp5)
- Proportion of amino acid substitution in 3CL protease (nsp5) and its cleavage site
- Drug antiviral activity
- Immunity (SARS-CoV-2 neutralizing antibody titers)
- Allergy antigen test (cedar/cypress allergy)

#### Safety Assessment:

Safety was assessed through physical examinations, laboratory tests, vital signs, and ECGs. All AEs/serious AEs (SAEs) were collected from the date of signing of the informed consent form (ICF)/assent through the end of follow-up period. The severity and seriousness of an event was determined by the investigator according to the protocol-specified definitions. The relationship of an event to the study intervention was determined by the investigator.

#### Pharmacokinetics Assessment:

For the measurement of plasma S-217622 concentrations, blood samples were collected on Days 2 and 6.

#### **Statistical Methods:**

#### Efficacy Analyses:

In general, efficacy analyses were performed for ITT population (Phase 2a Part, and Phase 2b/3 Part), ITT1 population (Phase 2b Part), mITT population, ie, ITT participants who had a positive SARS-CoV-2 viral titer at baseline (Phase 2a Part, Phase 2b/3 Part), and the population with < 72 hours from the onset of COVID-19 to

randomization out of ITT population or mITT population (Phase 3 Part). For Phase 3 Part, in principle, efficacy analyses were also performed for the ITT population or the mITT population. As for the primary endpoints of Phase 2a Part and Phase 2b Part, only the primary analyses were to be performed based on the PPS instead of the ITT population and ITT1 population, respectively, and based on the PPS or that with positive SARS-CoV-2 viral titer at baseline instead of the mITT population. In Phase 3 Part, the primary analyses and the key secondary analyses of the primary endpoint and the key secondary endpoint 1 were performed based on the ITT1 population and the PPS instead of ITT population, and primary analysis and key secondary analysis of the key secondary endpoint 2 were performed based on the ITT1 population and the PPS and that with positive SARS-CoV-2 viral titer at baseline instead of the mITT population. In Phase 2b/3 Part, efficacy analyses were also performed for the participants with asymptomatic SARS-CoV-2 infection or the participants with mild symptoms only SARS-CoV-2 infection.

# Primary Endpoint in Phase 2a Part (Participants with Mild/Moderate or Asymptomatic SARS-CoV-2 infection)

The primary endpoint in Phase2a Part, ie, the change from baseline in SARS-CoV-2 viral titer at each time point, was defined as the absolute change from baseline in SARS-CoV-2 viral titer at each time point. Summary statistics for the change from baseline in SARS-CoV-2 viral titer at each time point were calculated using the mITT population for the participants with mild/moderate SARS-CoV-2 infection, the participants with asymptomatic SARS-CoV-2 infection, and the merged population separately. In addition, the van Elteren test was applied to the merged population of mild/moderate and asymptomatic SARS-CoV-2 infection for a pairwise comparison of SARS-CoV-2 viral titer at each time point between each S-217622 treatment group and the placebo group at a two-sided significance level of 0.05. As stratification factors for van Elteren test, the condition of SARS-CoV-2 infection (mild/moderate or asymptomatic) was used. No multiplicity adjustment was performed in these pairwise comparisons.

#### Primary Endpoint in Phase 2b Part (Participants with Mild/Moderate SARS-CoV-2 Infection)

The primary efficacy endpoints in participants with mild/moderate SARS-CoV-2 infection in Phase 2b Part were the time-weighted average change in total score of 12 COVID-19 symptoms from initiation of administration (Day 1) up to 120 hours (Day 6) and the change from baseline on Day 4 in SARS-CoV-2 viral titer.

As the primary analysis for this primary endpoint, pairwise comparison was performed between each S-217622 intervention group and the placebo group, analysis of covariance was applied with time-weighted average change as response, and by time from the onset of COVID-19 to randomization (< 72 hours,  $\geq$  72 hours), SARS-CoV-2 vaccination history, and the total score of the 12 symptoms of COVID-19 at baseline as covariates in participants with mild/moderate SARS-CoV-2 infection whose total score of 12 symptoms of COVID-19 was one or higher at the initiation of administration (Day 1) in the ITT1 population. In addition, as the primary analysis for change from baseline on Day 4 in SARS-CoV-2 viral titer, pairwise comparison was performed between each S-217622 intervention group and the placebo group, analysis of covariance was applied with change from baseline on Day 4 in SARS-CoV-2 viral titer as response, and by time from the onset of COVID-19 to randomization (< 72 hours,  $\geq$  72 hours), SARS-CoV-2 vaccination history, and SARS-CoV-2 viral titer at baseline as covariates in participants with mild/moderate SARS-CoV-2 infection in the ITT1 population. The multiplicity adjustment was performed in these pairwise comparisons by using a fixed-sequence procedure.

Primary Endpoint in Phase 3 Part (Participants with Mild/Moderate SARS-CoV-2 Infection)

The primary endpoint in Phase 3 Part for participants with mild/moderate SARS-CoV-2 infection, ie, the time to resolution of 5 COVID-19 symptoms was defined as the time from the start of the study intervention to resolution of all 5 symptoms of COVID-19 (stuffy or runny nose, sore throat, cough, feeling hot or feverish, and low energy or tiredness). The resolution of symptoms was defined in the footnotes to Objectives and Endpoints.

As the primary analysis for this primary endpoint, a comparison of the time to resolution of the 5 COVID-19 symptoms was performed between the S-217622 125 mg group and the placebo group using a Peto-Prentice's stratified generalized Wilcoxon test stratified by SARS-CoV-2 vaccination history at a one-sided significance level of 0.025 in participants with mild/moderate SARS-CoV-2 infection with < 72 hours from the onset of COVID-19 to randomization in the ITT population. As key secondary analysis of the primary endpoint, the same analysis as the primary analysis was performed in participants with mild/moderate SARS-CoV-2 infection of the ITT population. In this analysis, stratification by the time from the onset of COVID-19 to randomization (< 72 hours,  $\geq$  72 hours) was included as well as SARS-CoV-2 vaccination history. The multiplicity adjustment was applied to the primary analysis and key secondary analyses of the primary endpoint.

As other analyses for this endpoint, the following analyses were performed in participants with mild/moderate SARS-CoV-2 infection with < 72 hours from the onset of COVID-19 to randomization out of the ITT population. Furthermore, the same analyses were performed in the ITT population. In that case, stratification by the time from the onset of COVID-19 to randomization (< 72 hours,  $\geq$  72 hours) was included as well as SARS-CoV-2 vaccination history. The multiplicity adjustment planned for the primary analysis was not performed.

- Comparison was performed using the log-rank test stratified by time from the onset of COVID-19 to randomization (< 72 hours, ≥ 72 hours) and SARS-CoV-2 vaccination history between the S-217622 125 mg group and the placebo group.
- Kaplan-Meier curves were plotted for each treatment group and the median time to resolution of the 5 COVID-19 symptoms and its 95% confidence interval (CI) were calculated. Moreover, the difference in median between treatment groups and its 95% CI were calculated.

- The hazard ratio of S-217622 125 mg group to the placebo group was estimated using a Cox proportional hazard model stratified by SARS-CoV-2 vaccination history.
- Restricted mean survival time (RMST) with a 21-day investigation period was estimated for each group and comparison between the S-217622 125 mg group and the placebo group was performed.

Primary Endpoint in Phase 2b/3 Part (Participants with Asymptomatic/Mild Symptoms Only SARS-CoV-2 Infection)

There was no primary efficacy endpoint in Phase 2b/3 Part.

Key Secondary Endpoints in Phase 3 Part

The key secondary endpoints in Phase 3 Part were the change from baseline on Day 4 in the amount of SARS-CoV-2 viral RNA (key secondary endpoint 1) and the time to the first negative SARS-CoV-2 viral titer (key secondary endpoint 2).

The efficacy analyses of the key secondary endpoints 1 were performed for ITT population, those of the key secondary endpoints 2 were performed for mITT population. In participants with mild/moderate SARS-CoV-2 infection, the population with < 72 hours from the COVID-19 symptom onset to randomization out of the ITT population of Phase 3 Part was used for the primary analysis.

The primary analyses for the key secondary endpoint 1 and the key secondary endpoint 2 were planned for participants with mild/moderate SARS-CoV-2 infection. If only the comparison in the primary endpoint between the S-217622 125 mg group and the placebo group showed a statistically significant difference at the given significant level, comparisons of the key secondary endpoints were performed between S-217622 125 mg group and the placebo group using analysis of covariance (for the key secondary endpoint 1), a log-rank test (for the key secondary endpoint 2). The analysis of covariance for the key secondary endpoint 1 was applied with change from baseline in the amount of SARS-CoV-2 viral RNA as response, and by SARS-CoV-2 vaccination history and amount of SARS-CoV-2 viral RNA at baseline as covariates. The primary analysis population of the key secondary endpoint 1 was the population with < 72 hours from the COVID-19 symptom onset to randomization out of the ITT population for Phase 3 Part. The stratification factors for log-rank test of the key secondary endpoint 2 were SARS-CoV-2 vaccination history for participants with mild/moderate SARS-CoV-2 infection. The primary analysis population of the key secondary endpoint 2 was the population with < 72 hours from the COVID-19 symptom onset to randomization out of the mITT population for Phase 3 Part. The log-rank test was at a one-sided significance level of 0.025. The multiplicity adjustment was applied to the primary analysis and key secondary analyses of the key secondary endpoints, and tests were performed in the order of the primary analysis of the primary endpoint, the primary analysis of the key secondary endpoint 1, the primary analysis of the key secondary endpoint 2, the key secondary analysis of the primary endpoint, the key secondary analysis of the key secondary endpoint 1, the key secondary analysis of the key secondary endpoint 2 using a fixed sequence procedure.

The other analyses were performed for the key secondary endpoints. The multiplicity adjustment planned for the primary analysis was not performed for statistical tests involving between-group comparisons that were performed in the other analyses.

#### Merged Analysis of Efficacy Endpoints

For each of participants with mild/moderate and asymptomatic/mild symptoms only SARS-CoV-2 infection, the merged analyses were conducted for the merged population of Phase 2a Part, Phase 2b Part, Phase 3 Part, and Phase 2b/3 Part. The merged analyses of viral data were conducted for the merged population of Phase 3 Part and Phase 2b/3 Part.

#### Safety Analyses:

All safety analyses were performed in the safety analysis population for Phase 2a Part, Phase 2b Part, Phase 3 Part, and Phase 2b/3 Part, and these parts combined. In merged Parts, analyses were performed in the mild/moderate SARS-CoV-2 infection population, the asymptomatic/mild symptoms only SARS-CoV-2 infection population, and the merged population of these populations. Subgroup analyses for safety were also performed with respect to country (Japan) and age (<18, 18 to 64,  $\geq 65$ ) in the mild/moderate SARS-CoV-2 infection population, the asymptomatic/mild symptoms only SARS-CoV-2 infection population in merged Parts.

AEs were coded and classified by system organ class (SOC) and preferred term (PT) using the Medical Dictionary for Regulatory Activities (MedDRA) Version 24.0. The number and proportion of participants who experienced treatment-emergent adverse events (TEAEs), TEAEs with an outcome of death, serious TEAEs other than deaths, and TEAE leading to discontinuation of the study intervention were summarized by treatment group. The number and proportion of participants who experienced TEAEs in each category of severity and outcome were summarized by SOC and PT for each Part. Treatment-related TEAEs were summarized in the same manner as TEAEs.

For laboratory test values and vital signs, summary statistics of measurement values and their changes from baseline were calculated by treatment group for each scheduled time point. Qualitative laboratory data were summarized by the numbers of participants in the test categories at baseline and scheduled time points using shift tables.

For ECGs (Phase 2a Part only), summary statistics for ECG interpretations (normal, abnormal but not clinically significant, or abnormal and clinically significant) at each scheduled time point after randomization (including baseline) were calculated for each treatment group.

#### PK Analyses:

For the PK concentration population, plasma S-217622 concentrations were listed for each treatment group and Day along with the time elapsed from the last dosing of study intervention prior to blood sampling each for Phase 2a Part, Phase 2b Part, Phase 3 Part and Phase 2b/3 Part. Plasma trough concentrations (C<sub>24</sub>) defined as plasma S-217622 concentrations within 20 to 28 hours after the first dose on Day 2 were summarized by treatment group and part with N, mean (Mean), standard deviation (SD), coefficient of variation (CV%, calculated as SD/mean × 100), geometric mean and its coefficient of variation (CV% geometric mean, calculated as  $\{\exp [sd^2] - 1\}^{1/2} \times 100$ , where sd was the SD of natural log-transformed values), median (Median), minimum (Min), and maximum (Max) each for Phase 2a Part, Phase 2b Part, Phase 3 Part and Phase 2b/3 Part. If possible, C<sub>24</sub> were summarized by age group (< 18, 18 to 64,  $\geq$  65). The data were not to be summarized for a group with N less than 3. The plasma concentrations of S-217622 versus the time from the last dosing of study intervention prior to blood sampling were graphically presented at the linear scale by treatment group.

#### **Summary of Results:**

Phase 2b/3 Part was conducted for exploratory evaluation in the participants with asymptomatic/mild symptoms only SARS-CoV-2 infection.

#### Efficacy (Phase 2b/3 Part):

This section focuses on the exploratory efficacy results in the S-217622 125 mg group.

Data Sets Analyzed

- For the overall participants with asymptomatic or mild symptoms only SARS-CoV-2 infection, the ITT population consisted of 194 participants in the S-217622 125 mg group and 189 participants in the placebo group, while the mITT population consisted of 92 participants in the S-217622 125 mg group and 79 participants in the placebo group.
- As for participants with asymptomatic SARS-CoV-2 infection, the ITT population consisted of 23 participants in the S-217622 125 mg group and 22 participants in the placebo group.
- As for participants with mild symptoms only SARS-CoV-2 infection, the ITT population consisted of 171 participants in the S-217622 125 mg group and 167 participants in the placebo group.

Demographics and Other Baseline Characteristics

- For all participants in the ITT population, male participants accounted for 56.2% (109/194) of participants in the S-217622 125 mg group and 54.5% (103/189) of participants in the placebo group (hereafter in the same order). The median age (range) was 38.0 (13–69) years and 38.0 (12–69) years, respectively. Minor participants and participants aged 65 years or older were enrolled in both intervention groups. All participants were Asians except for 1 participant each in the S-217622 125 mg group and the placebo group. A great majority of participants had received SARS-CoV-2 vaccination: 91.8% (178/194) and 92.1% (174/189), respectively.
- There were no significant differences in demographics or other baseline characteristics between the intervention groups.

Endpoints for Participants with Asymptomatic/Mild Symptoms Only SARS-CoV-2 Infection

- The median time to the first negative SARS-CoV-2 viral titer in the mITT population (95% CI), which means the time for 50% of participants to show the first negative SARS-CoV-2 viral titer, was 38.3 (21.8, 42.3) hours in the S-217622 125 mg group and 66.7 (62.0, 71.2) hours in the placebo group, with the median being shorter by 28.3 hours (approximately 1 day) in the S-217622 125 mg group compared with the placebo group.
- The mean change (SD) from baseline on Day 4 in the amount of SARS-CoV-2 viral RNA (log<sub>10</sub> [copies/mL]) in the ITT population was -2.491 (1.107) in the S-217622 125 mg group and -1.245 (1.540) in the placebo group. The least squares (LS) mean of the change from baseline on Day 4 in the amount of SARS-CoV-2 viral RNA showed a greater decrease by 1.12 log<sub>10</sub> (copies/mL) in the S-217622 125 mg group compared with the placebo group.

Endpoints for Participants with Asymptomatic SARS-CoV-2 Infection

- The proportion of participants who developed 8 COVID-19 symptoms or fever assessed using a thermometer by Day 10 in the ITT population was 4.3% (1/23) in the S-217622 125 mg group and 18.2% (4/22) in the placebo group. The results up to Day 14 were similar in tendency to those up to Day 10.
- The proportion of participants who developed 14 COVID-19 symptoms or fever assessed using a thermometer by Day 10 in the ITT population was 4.3% (1/23) in the S-217622 125 mg group and 18.2% (4/22) in the placebo group. The results up to Day 14 were similar in tendency to those up to Day 10.

Endpoints for Participants with Mild Symptoms Only SARS-CoV-2 Infection

- The proportion of participants whose 8 COVID-19 symptoms or fever assessed using a thermometer worsened by Day 10 in the ITT population was 15.6% (26/167) in the S-217622 125 mg group and 21.5% (35/163) in the placebo group. The results up to Day 14 were similar in tendency to those up to Day 10.
- The proportion of participants whose 14 COVID-19 symptoms or fever assessed using a thermometer worsened by Day 10 in the ITT population was 17.4% (29/167) in the S-217622 125 mg group and 23.9% (39/163) in the placebo group. The results up to Day 14 were similar in tendency to those up to Day 10.

#### Safety (Phase 2b/3 Part):

This section summarizes the safety results of the S-217622 125 mg group and 250 mg group.

• Of the 605 randomized participants, 1 participant did not receive the study intervention and was excluded from the safety analysis population. A total of 604 participants (201 participants in the S-217622 125 mg group, 202 participants in the S-217622 250 mg group, 201 participants in the

placebo group) were included in the safety analysis population of Phase 2b/3 Part.

- Male participants accounted for 54.7% (110/201) of participants in the S-217622 125 mg group, 57.4% (116/202) of participants in the S-217622 250 mg group, and 54.2% (109/201) of participants in the placebo group (hereafter in the same order). The median age (range) was 38.0 (13–69) years, 41.0 (13–68) years, and 38.0 (12–69) years, respectively. Minor participants and participants aged 65 years or older were enrolled in all intervention groups. All participants were Asians except for 1 participant each in the S-217622 125 mg group and the placebo group. There were no significant differences in demographics or other baseline characteristics among the intervention groups.
- The incidence of TEAE in the safety analysis population was 43.8% (88/201) in the S-217622 125 mg group, 56.9% (115/202) in the S-217622 250 mg group, and 21.4% (43/201) in the placebo group (hereafter in the same order). The incidence of treatment-related TEAEs was 23.4% (47/201), 37.1% (75/202), and 7.0% (14/201), respectively. The incidences of TEAEs and treatment-related TEAEs were higher in the S-217622 125 mg and 250 mg groups than in the placebo group. The incidences of both TEAEs and treatment-related TEAEs were lower in the S-217622 125 mg group than in the S-217622 250 mg group.
- No deaths were reported in any of the intervention groups. Other serious TEAEs were reported in 2 participants in the S-217622 250 mg group (1 event each of diverticulitis and nausea), both of which were considered unrelated to the study intervention. No serious TEAEs were reported in the S-217622 125 mg group or the placebo group.
- TEAEs leading to discontinuation of study intervention were reported in 1 participant in the S-217622 125 mg group (moderate drug eruption) and 2 participants in the S-217622 250 mg group (moderate headache and mild headache). Of these events, drug eruption reported in the S-217622 125 mg group and moderate headache reported in the S-217622 250 mg group were considered related to the study intervention and were resolved or resolving after the discontinuation of study intervention. No TEAEs leading to discontinuation of study intervention were reported in the placebo group.
- TEAEs reported in at least 2% of participants were high density lipoprotein decreased (30.3% [61/201]), blood triglycerides increased (7.0% [14/201]), blood cholesterol decreased (4.0% [8/201]), blood bilirubin increased (3.5% [7/201]), and headache (2.5% [5/201]) in the S-217622 125 mg group, high density lipoprotein decreased (45.0% [91/202]), blood triglycerides increased (10.9% [22/202]), blood bilirubin increased (7.4% [15/202]), headache (5.4% [11/202]), nausea, blood cholesterol decreased, and bilirubin conjugated increased (3.5% [7/202] each), diarrhoea (3.0% [6/202]), and vomiting (2.0% [4/202]) in the S-217622 250 mg group, blood triglycerides increased (4.5% [9/201]), diarrhoea and high density lipoprotein decreased (2.0% [4/201] each) in the placebo group. Treatment-related TEAEs reported in at least 2% of

participants were high density lipoprotein decreased (17.4% [35/201]) in the S-217622 125 mg group, and high density lipoprotein decreased (32.7% [66/202]), blood bilirubin increased and blood triglycerides increased (2.5% [5/202] each), and diarrhoea (2.0% [4/202]) in the S-217622 250 mg group. No treatment-related TEAEs with an incidence of 2% or higher were reported in the placebo group.

- Most of the TEAEs were categorized as mild. Reported severe TEAEs were diverticulitis and nausea in 1 participant each in the S-217622 250 mg group. Both of the severe TEAEs were considered unrelated to the study intervention. No severe TEAEs were reported in the S-217622 125 mg group or the placebo group.
- Most of the TEAEs were resolved or resolving at the time of last evaluation. The unresolved TEAEs considered related to study intervention were high density lipoprotein decreased reported in 2 participants in the S-217622 125 mg group and 1 participant in the S-217622 250 mg group, blood cholesterol increased reported in 1 participant in the S-217622 125 mg group, and hypertension and hepatic function abnormal reported in 1 participant in the placebo group. All of these events were mild and non-serious.
- The incidences of TEAEs on Day 6 to 7 were higher in the S-217622 125 mg and 250 mg groups than in the placebo group. This difference is explained by the fact that most of the TEAEs related to laboratory tests were reported on Day 6 (allowance +1 day), among the scheduled laboratory test measurements on Days 1 (pre-dose), 6, 14, and 28. Excluding the TEAEs related to laboratory tests, the incidences of TEAEs by timing of onset were comparable between either of the S-217622 treatment groups and the placebo group.
- Among the changes in laboratory test parameters, decreases in high density lipoprotein, increases in triglycerides, increases in total bilirubin and direct bilirubin, increases in serum iron, and decreases in unsaturated iron binding capacity (UIBC) were more frequently observed in the S-217622 125 mg and 250 mg groups compared with the placebo group. However, all of these changes were temporary and returned to near baseline or were comparable between either of the S-217622 treatment groups and the placebo group on Day 6 or Day 14. No significant findings were observed in vital signs or ECG.

### CONCLUSIONS

#### Efficacy Conclusions (Phase 2b/3 Part):

The once-daily oral doses of S-217622 for 5 days (375 mg on Day 1, 125 mg on Days 2 through 5) demonstrated an antiviral effect in participants with asymptomatic or mild symptoms only SARS-CoV-2 infection, and were suggested to be effective in preventing both development of symptoms in patients with asymptomatic SARS-CoV-2 infection and worsening of symptoms in patients with mild symptoms only SARS-CoV-2 infection.

#### Safety Conclusions (Phase 2b/3 Part):

No new safety concerns were observed in Phase 2b/3 Part of this study. Consistent with the safety evaluation based on the results of Phase 2a Part, Phase 2b Part, and Phase 3 Part, the results suggested no particular safety concerns and indicated that once daily oral doses of S-217622 for 5 days (375 mg on Day 1, 125 mg on Days 2 through 5) were well tolerated in participants with SARS-CoV-2 infection.

**Date of Report:** 8 May 2023