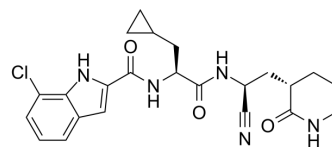


## Pomotrelvir

**Cat. No.:** HY-153228  
**CAS No.:** 2713437-86-4  
**Molecular Formula:** C<sub>23</sub>H<sub>26</sub>ClN<sub>5</sub>O<sub>3</sub>  
**Molecular Weight:** 455.94  
**Target:** SARS-CoV  
**Pathway:** Anti-infection  
**Storage:** 4°C, protect from light, stored under nitrogen  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (219.33 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1933 mL	10.9664 mL	21.9327 mL
5 mM	0.4387 mL	2.1933 mL	4.3865 mL
10 mM	0.2193 mL	1.0966 mL	2.1933 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Pomotrelvir (PBI-0451) is a selective, orally active SARS-CoV-2 3CL protease inhibitor. Pomotrelvir has antiviral activity and can be used in the research of novel coronavirus (COVID-19)<sup>[1]</sup>.

### REFERENCES

[1]. Jessica R. Spengler, et al. Meeting report: 35th International Conference on Antiviral Research in Seattle, Washington, USA – March 21–25, 2022.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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