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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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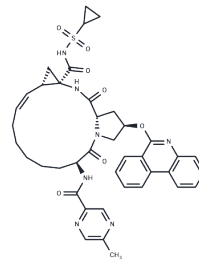
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Paritaprevir

Chemical Properties

CAS No. :	1216941-48-8
Formula:	C ₄₀ H ₄₃ N ₇ O ₇ S
Molecular Weight:	765.88
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Paritaprevir (ABT450) is an inhibitor of non-structural protein 3/4A protease with EC50 values of 1 and 0.21 nM for HCV 1a and HCV 1b, respectively.
Targets(IC50)	HCV Protease
In vivo	Paritaprevir/ritonavir/ombitasvir with dasabuvir (PrOD) is a novel combination of a nonstructural (NS) 3/4A protein inhibitor boosted by ritonavir, an NS5A protein inhibitor, and an NS5B nonnucleoside polymerase inhibitor. The combination of paritaprevir, ritonavir, ombitasvir (an NS5A protein inhibitor), and dasabuvir (an NS5B non-nucleoside polymerase inhibitor) with or without RBV has been approved to treat HCV genotype 1 infections[1].

Solubility Information

Solubility	DMSO: 80 mg/mL (104.46 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3057 mL	6.5284 mL	13.0569 mL
5 mM	0.2611 mL	1.3057 mL	2.6114 mL
10 mM	0.1306 mL	0.6528 mL	1.3057 mL
50 mM	0.0261 mL	0.1306 mL	0.2611 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

- Deeks ED. Drugs. 2015, 75(9):1027-38.
Pilot-Matias T, et al. Antimicrob Agents Chemother. 2015, 59(2):988-97.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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