

Product Datasheet

Paritaprevir (orb1305953)

Catalog Number	orb1305953
Category	Small Molecules
Description	Paritaprevir (ABT450) is a potent small molecule inhibitor targeting the HCV NS3/4A serine protease. It demonstrates high antiviral activity with EC50 values of 1 nM against HCV genotype 1a and 0.21 nM against genotype 1b. This compound is a key research tool for studying HCV replication and antiviral mechanisms in biochemical and cellular assays.
Target	SARS-CoV,HCV Protease
Purity	99.72% (May vary between batches)
MW	765.88
Target Areas	SARS-CoV HCV Protease
Solubility (25°C)	DMSO:80 mg/mL (104.46 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (4.31 mM)
CAS Number	1216941-48-8
Formula	C ₄₀ H ₄₃ N ₇ O ₇ S
SMILES	<chem>Cc1cnc(cn1)C(=O)N[C@H]1CCCCC=C/[C@@H]2C[C@]2(NC(=O)[C@@H]2[C@H](CN2C1=O)Oc1nc2cccc2c2cccc12)C(=O)NS(=O)(=O)C1CC1</chem>
Storage	keep away from direct sunlight,keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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