

Product Datasheet

Doripenem monohydrate (orb1309982)

Catalog Number	orb1309982
Category	Small Molecules
Description	Doripenem monohydrate
Target	Antibacterial, Antibiotic
Purity	98.56%
MW	438.52
Target Areas	Antibacterial Antibiotic
Solubility (25°C)	DMSO:34 mg/mL (77.53 mM);Ethanol: 1 mg/mL (insoluble or slightly soluble);10% DMSO+40% PEG300+5% Tween 80+45% Saline:2.5 mg/mL (5.7 mM);H2O:24 mg/mL (54.73 mM)
CAS Number	364622-82-2
Formula	$C_{15}H_{24}N_4O_6S_2 \cdot H_2O$
SMILES	<chem>N12C(=C([C@@H]([C@@H]2[C@H](C1=O)[C@@H](C)O)C)S[C@H]1C[C@H](NC1)CNS(=O)(=O)N)C(=O)O.O</chem>
Storage	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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