

Product Datasheet

Doripenem Hydrate (orb1225194)

Catalog Number	orb1225194
Category	Small Molecules
Description	Doripenem monohydrate is a new member of the carbapenem class of beta-lactam antibiotics with broad-spectrum coverage of Gram-positive, Gram-negative and anaerobic pathogens.
Target	Others
Purity	>98% (HPLC)
MW	438.52
Solubility (25°C)	Water: 26 mg/mL (59.29 mM); DMSO: 36 mg/mL (82.09 mM)
CAS Number	364622-82-2
Formula	C ₁₅ H ₂₄ N ₄ O ₆ S ₂ ·H ₂ O
SMILES	<chem>C[C@@H]1[C@@H]2[C@H](C(=O)N2C(=C1S[C@H]3C[C@H](NC3)CNS(=O)(=O)N)C(=O)O)[C@@H](C)O.O</chem>
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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