

Product Datasheet

Imipenem (orb1992144)

Catalog Number	orb1992144
Category	Small Molecules
Description	Imipenem (MK0787) is a thienomycin derivative that belongs to the class of antibiotics with antibacterial activity and partial inhibition against gram-positive and gram-negative bacteria. Imipenem can be used to study carbapenem non-susceptible infections and Pseudomonas aeruginosa biofilm infections.
Target	Antifungal
Purity	98.00%
MW	299.35
CAS Number	64221-86-9
Formula	$C_{12}H_{17}N_3O_4S$
SMILES	<chem>C[C@@H](O)[C@@H]1[C@H]2CC(SCCNC=N)=C(N2C1=O)C(O)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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