

Product Datasheet

Sulbactam-d2 (orb2280740)

Description	Sulbactam-d2 is a deuterated compound of Sulbactam. Sulbactam has a CAS number of 68373-14-8. Sulbactam is a semi-synthetic beta-lactamase inhibitor. The beta-lactam ring of sulbactam irreversibly binds to beta-lactamase at or near its active site, thereby blocking enzyme activity and preventing metabolism of other beta-lactam antibiotics by the enzyme. Combining this agent with a beta-lactamase susceptible antibiotic, such as penicillins or a cephalosporin, to treat infections caused by beta-lactamase producing organisms, results in a decreased turnover rate of the beta-lactamase sensitive antibiotic and enhances its antibacterial activity.
Storage	-20°C
Note	For research use only
Formula	$C_8H_9D_2NO_5S$
Purity	98.00%
MW	235.25
SMILES	<chem>OC([C@@H](C(C)1C)N(C2=O)[C@](C2([2H])([2H]))([H])S1(=O)=O)=O</chem>
Expiration Date	12 months from date of receipt.

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