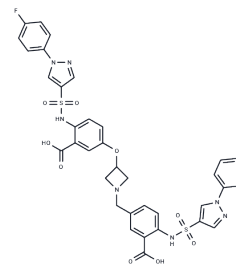


Cerastecin D

Chemical Properties

CAS No. :	3018085-89-4
Formula:	C ₃₆ H ₂₉ F ₂ N ₇ O ₉ S ₂
Molecular Weight:	805.78
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cerastecin D (compound 1), an antibacterial agent, demonstrates effectiveness by inhibiting <i>Acinetobacter baumannii</i> ATCC19606 with MITC 95 values at 165 nM.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.241 mL	6.2052 mL	12.4103 mL
5 mM	0.2482 mL	1.241 mL	2.4821 mL
10 mM	0.1241 mL	0.6205 mL	1.241 mL
50 mM	0.0248 mL	0.1241 mL	0.2482 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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