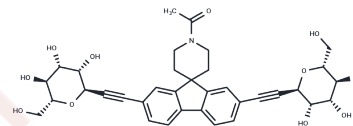


Sibofimloc

Chemical Properties

CAS No. :	1616113-45-1
Formula:	C35H39NO11
Molecular Weight:	649.68
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	Sibofimloc (Antibiotic-202), an antibiotic compound, is used in treating bacterial infections.
Targets(IC50)	Antibacterial, Antibiotic

Solubility Information

Solubility	DMSO: 60 mg/mL (92.35 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5392 mL	7.6961 mL	15.3922 mL
5 mM	0.3078 mL	1.5392 mL	3.0784 mL
10 mM	0.1539 mL	0.7696 mL	1.5392 mL
50 mM	0.0308 mL	0.1539 mL	0.3078 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.

Reference

Ramtohl, Yeeman K, et al. Preparation of mannose derivatives via coupling and click cycloaddition reactions for treating bacterial infections. From PCT Int. Appl. (2014), WO 2014100158 A1 20140626.

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