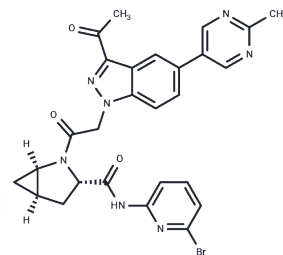


Complement factor D-IN-2

Chemical Properties

CAS No. :	1903742-34-6
Formula:	C ₂₇ H ₂₄ BrN ₇ O ₃
Molecular Weight:	574.43
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	Complement factor D-IN-2 is an inhibitor that reduces the excessive activation of Complement factor D.
Targets(IC50)	Complement System
In vitro	Complement factor D-IN-2 mitigates the hyperactivation of complement factor D[1].

Solubility Information

Solubility	DMSO: 70 mg/mL (121.86 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	1.7409 mL	8.7043 mL	17.4086 mL
5 mM	0.3482 mL	1.7409 mL	3.4817 mL
10 mM	0.1741 mL	0.8704 mL	1.7409 mL
50 mM	0.0348 mL	0.1741 mL	0.3482 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

GADHACHANDA VR, et, al. Aryl, heteroaryl, and heterocyclic compounds for treatment of complement mediated disorders. WO2015130838A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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