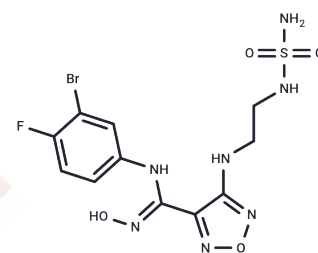


IDO inhibitor 1

Chemical Properties

CAS No. :	1204669-37-3
Formula:	C ₁₁ H ₁₃ BrFN ₇ O ₄ S
Molecular Weight:	438.23
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	IDO inhibitor 1 is a potent inhibitor of indoleamine-2,3 dioxygenase (IDO) (IC ₅₀ <100 nM).with potential immunomodulating and antineoplastic activities.
Targets(IC ₅₀)	Indoleamine 2,3-Dioxygenase (IDO)

Solubility Information

Solubility	DMSO: 65 mg/mL (148.32 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	2.2819 mL	11.4095 mL	22.8191 mL
5 mM	0.4564 mL	2.2819 mL	4.5638 mL
10 mM	0.2282 mL	1.141 mL	2.2819 mL
50 mM	0.0456 mL	0.2282 mL	0.4564 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

Devaraja K . Current Prospects of Molecular Therapeutics in Head and Neck Squamous Cell Carcinoma[J].
Pharmaceutical Medicine, 2019(23):1-21.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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