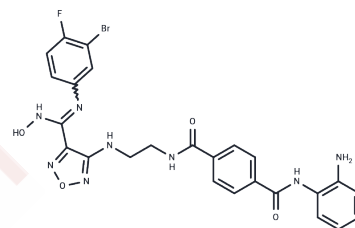


IDO1 and HDAC1 Inhibitor

Chemical Properties

CAS No. : 2227044-16-6
 Formula: C₂₅H₂₂BrFN₈O₄
 Molecular Weight: 597.4
 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	IDO1 and HDAC1 Inhibitor is a dual IDO1 and HDAC1 inhibitor (IC ₅₀ s: 69.0 nM and 66.5 nM).
Targets(IC ₅₀)	Others,HDAC,IDO,Indoleamine 2,3-Dioxygenase (IDO)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6739 mL	8.3696 mL	16.7392 mL
5 mM	0.3348 mL	1.6739 mL	3.3478 mL
10 mM	0.1674 mL	0.837 mL	1.6739 mL
50 mM	0.0335 mL	0.1674 mL	0.3348 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

Fang K, et al. Discovery of Novel Indoleamine 2,3-Dioxygenase 1 (IDO1) and Histone Deacetylase (HDAC) Dual Inhibitors. ACS Med Chem Lett. 2018 Mar 26;9(4):312-317.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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