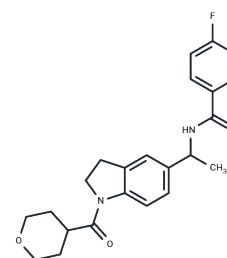


(Rac)-IDO1-IN-5

Chemical Properties

CAS No. : 2166616-74-4
 Formula: C₂₃H₂₅FN₂O₃
 Molecular Weight: 396.45
 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	(Rac)-IDO1-IN-5 is a racemate of IDO1-IN-5, a potent, selective, and brain-penetrating inhibitor of Indoleamine 2,3-Dioxygenase 1 (IDO1) activity. It specifically binds to apo-IDO1, which lacks heme, instead of mature heme-bound IDO1.
Targets(IC50)	Others,IDO,Indoleamine 2,3-Dioxygenase (IDO)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5224 mL	12.6119 mL	25.2239 mL
5 mM	0.5045 mL	2.5224 mL	5.0448 mL
10 mM	0.2522 mL	1.2612 mL	2.5224 mL
50 mM	0.0504 mL	0.2522 mL	0.5045 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

Jolie Anne Bastian, et al. 1-tetrahydropyran-4-yl-2-(2-(4-fluorophenyl)butan-1-ylamino)ethyl-1H-indole-3-carboxamide for treating cancer. WO2017213919A1.

Frank C. Dorsey, et al. Abstract 5245: Identification and characterization of the IDO1 inhibitor LY3381916. Cancer Research. 2018, 78(13).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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