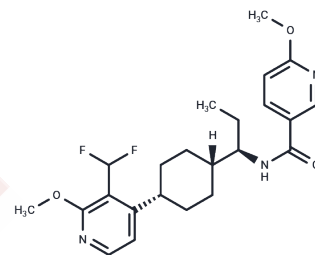


BMT-297376

Chemical Properties

CAS No. : 2251031-81-7
 Formula: C₂₃H₂₉F₂N₃O₃
 Molecular Weight: 433.5
 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	BMT-297376, the optimized Linrodostat, is a potent inhibitor of IDO1 (Indoleamine 2,3-dioxygenase 1).
Targets(IC50)	Others,IDO,Indoleamine 2,3-Dioxygenase (IDO)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3068 mL	11.534 mL	23.0681 mL
5 mM	0.4614 mL	2.3068 mL	4.6136 mL
10 mM	0.2307 mL	1.1534 mL	2.3068 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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

Roshan Y. Nimje, et al. Development of a Stereoselective and Scalable Synthesis for the Potent Indoleamine 2,3-Dioxygenase 1 (IDO1) Inhibitor, BMT-297376; N-((R)-1-((cis)-4-(3-(Difluoromethyl)-2-methoxypyridin-4-yl)cyclohexyl)propyl)-6-methoxynicotinamide. Org. Process Res. Dev. 2021, 25, 7, 1680-1689.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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