

MK-5204

Chemical Properties

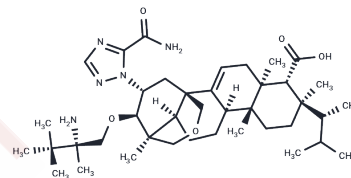
CAS No. : 1207751-75-4

Formula: C₄₀H₆₅N₅O₅

Molecular Weight: 695.99

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	MK-5204, an orally active β -1,3-glucan synthesis inhibitor, impedes the synthesis of β -1,3-glucan [1].
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4368 mL	7.184 mL	14.368 mL
5 mM	0.2874 mL	1.4368 mL	2.8736 mL
10 mM	0.1437 mL	0.7184 mL	1.4368 mL
50 mM	0.0287 mL	0.1437 mL	0.2874 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

Apgar JM, et al. MK-5204: An orally active β -1,3-glucan synthesis inhibitor. Bioorg Med Chem Lett. 2020 Sep 1;30 (17):127357.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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