

MK-8282

Chemical Properties

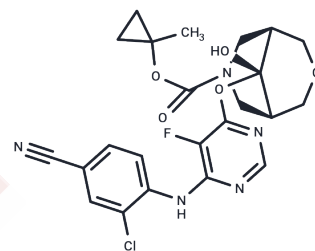
CAS No. :

Formula: C₂₃H₂₃ClFN₅O₅

Molecular Weight: 503.92

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-8282 is an effective G-Protein-Coupled Receptor 119 agonist for the treatment of Type 2 Diabetes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9844 mL	9.9222 mL	19.8444 mL
5 mM	0.3969 mL	1.9844 mL	3.9689 mL
10 mM	0.1984 mL	0.9922 mL	1.9844 mL
50 mM	0.0397 mL	0.1984 mL	0.3969 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

Discovery of MK-8282 as a Potent G-Protein-Coupled Receptor 119 Agonist for the Treatment of Type 2 Diabetes
 Santhosh F. Neelamkavil, Andrew W. Stamford, Timothy Kowalski, Dipshikha Biswas, Craig Boyle, Samuel Chackalamannil, Yan Xia, Charles Jayne, Bernard Neustadt, Jinsong Hao, Hong Liu, Xing Dai, Hana Baker, Brian Hawes, Kim O'Neill, Huadong Tang, and William J. Greenlee Publication Date (Web): April 10, 2018 (Letter) doi: 10.1021/acsmedchemlett.8b00073

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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