

MK-8666 Tris

Chemical Properties

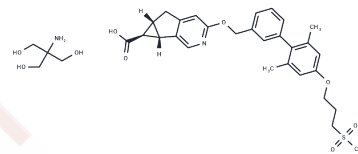
CAS No. : 2056254-98-7

Formula: C33H42N2O9S

Molecular Weight: 642.764

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-8666 Tris is a partial GPCR (G-protein-coupled receptor) agonist that is coordinated with the action of GPR40. GPR40, also known as free fatty acid (FFA) receptor 1 modulates fatty acid-induced insulin secretion in pancreatic beta cells and in intestinal enteroendocrine cells. Thus, MK-8666 Tris has been investigated for treatment of type 2 diabetes mellitus and has been shown to robustly lower glucose without negative effects.
Targets(IC50)	Others,GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5558 mL	7.779 mL	15.5579 mL
5 mM	0.3112 mL	1.5558 mL	3.1116 mL
10 mM	0.1556 mL	0.7779 mL	1.5558 mL
50 mM	0.0311 mL	0.1556 mL	0.3112 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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