

GSK2973980A

Chemical Properties

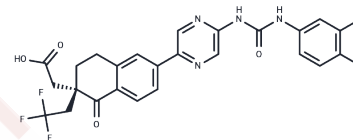
CAS No. : 2219321-25-0

Formula: C₂₅H₁₉F₅N₄O₄

Molecular Weight: 534.43

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	GSK2973980A is a selective Acyl-CoA:diacylglycerol acyltransferase 1 (DGAT1) inhibitor (IC ₅₀ : 3 nM).
Targets(IC ₅₀)	Acyltransferase, Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8712 mL	9.3558 mL	18.7115 mL
5 mM	0.3742 mL	1.8712 mL	3.7423 mL
10 mM	0.1871 mL	0.9356 mL	1.8712 mL
50 mM	0.0374 mL	0.1871 mL	0.3742 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

Cheung M, et al. Discovery of Tetralones as Potent and Selective Inhibitors of Acyl-CoA:Diacylglycerol Acyltransferase 1. ACS Med Chem Lett. 2018 Jan 16;9(2):103-108.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481