

GSK1940029

Chemical Properties

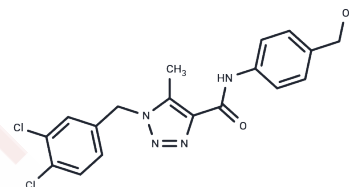
CAS No. : 1150701-66-8

Formula: C₁₈H₁₆Cl₂N₄O₂

Molecular Weight: 391.25

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	GSK1940029 (SCD inhibitor 1) is an inhibitor of stearyl-CoA desaturase (SCD).
Targets(IC50)	Dehydrogenase, Stearyl-CoA Desaturase (SCD)
In vitro	GSK1940029 is a stearyl-coa desaturase (SCD), methods of synthesis and uses in treating and/or preventing various diseases, including those mediated by SCD enzyme, such as diseases related to elevated lipid levels, cardiovascular disease, diabetes, obesity, metabolic syndrome, skin disorders such as acne, diseases or conditions related to cancer.

Solubility Information

Solubility	DMSO: 30 mg/mL (76.68 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5559 mL	12.7796 mL	25.5591 mL
5 mM	0.5112 mL	2.5559 mL	5.1118 mL
10 mM	0.2556 mL	1.278 mL	2.5559 mL
50 mM	0.0511 mL	0.2556 mL	0.5112 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

Anne Marie Jeanne Bouillot, et al. 1, 2, 3-triazole derivatives for use as stearyl-coa desaturase inhibitors . PCT Int. Appl. (2009), WO 2009060053 A1 20090514.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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