

GSK563

Chemical Properties

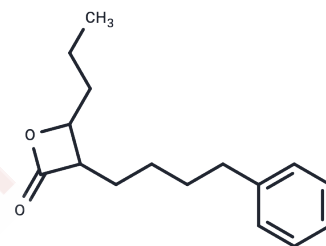
CAS No. : 1983928-04-6

Formula: C₁₆H₂₂O₂

Molecular Weight: 246.34

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	GSK563 is a potent GVIA iPLA2 inhibitor (X ₁ (50) 0.0000021, IC ₅₀ 1 nM). GSK563 is 22 000 times more active against GVIA iPLA2 than GIVA cPLA2. It was found to reduce β-cell apoptosis induced by proinflammatory cytokines, raising the possibility that it can be beneficial in countering autoimmune diseases, such as type 1 diabetes.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0594 mL	20.2972 mL	40.5943 mL
5 mM	0.8119 mL	4.0594 mL	8.1189 mL
10 mM	0.4059 mL	2.0297 mL	4.0594 mL
50 mM	0.0812 mL	0.4059 mL	0.8119 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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