

GSK376501A

Chemical Properties

CAS No. : 1010412-80-2

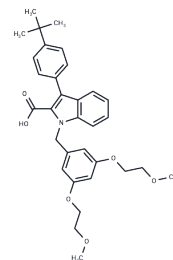
Formula: C₃₂H₃₇N₂O₆

Molecular Weight: 531.64

Store at low temperature

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	GSK376501A is a selective and effective modulator of peroxisome proliferator-activated receptor γ (PPAR γ) for the study of type 2 diabetes.
Targets(IC50)	PPAR

Solubility Information

Solubility	DMSO: 50 mg/mL (94.05 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	1.881 mL	9.4049 mL	18.8097 mL
5 mM	0.3762 mL	1.881 mL	3.7619 mL
10 mM	0.1881 mL	0.9405 mL	1.881 mL
50 mM	0.0376 mL	0.1881 mL	0.3762 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

Kae M. Bullock, et al. Process Development and Scale-Up of a PPAR γ Agonist: Selection of the Manufacture Route. Org. Process Res. Dev. 2009, 13, 2, 303-309.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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