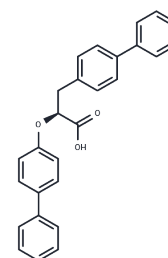


LJ570

Chemical Properties

CAS No. : 2252488-69-8
 Formula: C₂₇H₂₂O₃
 Molecular Weight: 394.46
 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	LJ570 is the first PPAR α / γ dual agonist (PPAR α ,PPAR γ with EC ₅₀ s of 1.05 and 0.12 μ M, respectively)
Targets(IC ₅₀)	PPAR

Solubility Information

Solubility	DMSO: 9 mg/mL (22.82 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	2.5351 mL	12.6756 mL	25.3511 mL
5 mM	0.507 mL	2.5351 mL	5.0702 mL
10 mM	0.2535 mL	1.2676 mL	2.5351 mL
50 mM	0.0507 mL	0.2535 mL	0.507 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

Antonio L , Luca P , Carmen C , et al. Identification of the First PPAR α / γ Dual Agonist Able to Bind to Canonical and Alternate Sites of PPAR γ and to Inhibit its Cdk5-Mediated Phosphorylation[J]. Journal of Medicinal Chemistry, 2018: acs.jmedchem.8b00835-.

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