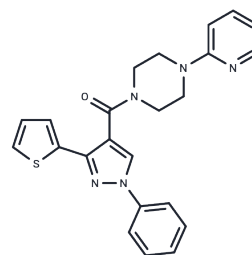


WAY-620472

Chemical Properties

CAS No. : 686769-90-4
 Formula: C₂₃H₂₁N₅O₅
 Molecular Weight: 415.51
 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	WAY-620472 is a PPAR regulator that can be used to alter the lifespan of eukaryotes.
Targets(IC50)	PPAR

Solubility Information

Solubility	DMSO: 55 mg/mL (132.37 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	2.4067 mL	12.0334 mL	24.0668 mL
5 mM	0.4813 mL	2.4067 mL	4.8134 mL
10 mM	0.2407 mL	1.2033 mL	2.4067 mL
50 mM	0.0481 mL	0.2407 mL	0.4813 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

Huck J, et al. Preparation of 1-phenyl-3-(2-thienyl)pyrazole derivatives as peroxisome proliferator activated receptors modulators. WO2004037248 A2.

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