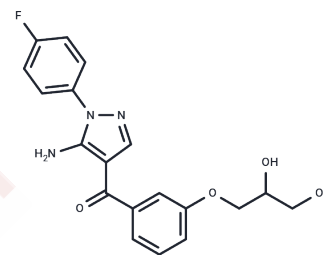


Ro-3201195

Chemical Properties

CAS No. : 249937-52-8
 Formula: C₁₉H₁₈FN₃O₄
 Molecular Weight: 371.36
 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	Ro-3201195 is a novel orally available p38 MAPK inhibitor with high selectivity.
Targets(IC50)	p38 MAPK

Solubility Information

Solubility	DMSO: 3.72 mg/mL (10.02 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	2.6928 mL	13.464 mL	26.928 mL
5 mM	0.5386 mL	2.6928 mL	5.3856 mL
10 mM	0.2693 mL	1.3464 mL	2.6928 mL
50 mM	0.0539 mL	0.2693 mL	0.5386 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

Rauh, et al. Fluorescently or spin-labeled kinases for rapid screening and identification of novel kinase inhibitor scaffolds, and drug discovery uses. WO2010009886A1.

Wroblewski ST, et al. Structural comparison of p38 inhibitor-protein complexes: a review of recent p38 inhibitors having unique binding interactions. Curr Top Med Chem. 2005;5(10):1005-1016.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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