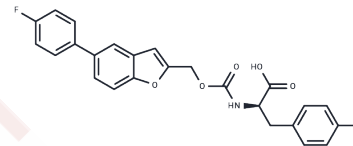


RO3244794

Chemical Properties

CAS No. : 361457-01-4
 Formula: C₂₅H₁₉F₂N₅O
 Molecular Weight: 451.42
 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	RO3244794 is a selective prostacyclin (IP) receptor antagonist that can be used to study liver injury.
Targets(IC50)	Prostaglandin Receptor

Solubility Information

Solubility	DMSO: 4.54 mg/mL (10.06 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	2.2152 mL	11.0762 mL	22.1523 mL
5 mM	0.443 mL	2.2152 mL	4.4305 mL
10 mM	0.2215 mL	1.1076 mL	2.2152 mL
50 mM	0.0443 mL	0.2215 mL	0.443 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

Bley KR, et al. RO1138452 and RO3244794: characterization of structurally distinct, potent and selective IP (prostacyclin) receptor antagonists. Br J Pharmacol. 2006 Feb;147(3):335-45. doi: 10.1038/sj.bjp.0706554. PMID: 16331286;

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481