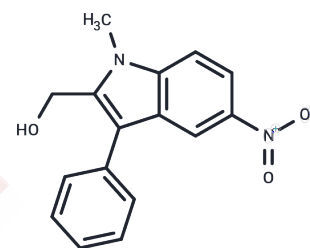


ML-354

Chemical Properties

CAS No. : 89159-60-4
 Formula: C₁₆H₁₄N₂O₃
 Molecular Weight: 282.29
 Storage: Store at low temperature
 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	ML-354 (VU0099704) is a selective and potent PAR4 antagonist for the study of cardiovascular disease.
Targets(IC50)	Protease-activated Receptor
In vitro	ML-354 is a specific PAR4 receptor antagonist with an IC50 value of 140 nM. [1]

Solubility Information

Solubility	DMSO: 20 mg/mL (70.85 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	3.5425 mL	17.7123 mL	35.4246 mL
5 mM	0.7085 mL	3.5425 mL	7.0849 mL
10 mM	0.3542 mL	1.7712 mL	3.5425 mL
50 mM	0.0708 mL	0.3542 mL	0.7085 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

Wen W, et al. Substituted indoles as selective protease activated receptor 4 (PAR-4) antagonists: Discovery and SAR of ML354. *Bioorg Med Chem Lett*. 2014 Oct 1;24(19):4708-4713.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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