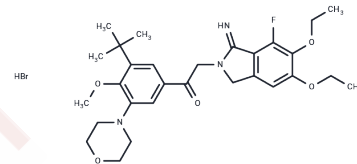


Atopaxar Hydrobromide

Chemical Properties

CAS No. :	474550-69-1
Formula:	C ₂₉ H ₃₉ BrFN ₃ O ₅
Molecular Weight:	608.54
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	Atopaxar, a reversible PAR-1 thrombin receptor antagonist, interferes with platelet signaling. Atopaxar has been investigated for the treatment of Coronary Artery Disease and Acute Coronary Syndrome.
Targets(IC50)	Apoptosis, Protease-activated Receptor, JAK

Solubility Information

Solubility	DMSO: 10 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	1.6433 mL	8.2164 mL	16.4328 mL
5 mM	0.3287 mL	1.6433 mL	3.2866 mL
10 mM	0.1643 mL	0.8216 mL	1.6433 mL
50 mM	0.0329 mL	0.1643 mL	0.3287 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

Changelian PS, et al. Blood. 2008 Feb 15;111(4):2155-7.

Tang W, Huang B, Wang J, et al. A label-free screening approach targeted protease-activated receptor 1 based on dynamic mass redistribution in living cells. RSC Advances. 2017, 7(68): 43005-43013

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Tang W, Huang B, Wang J, et al. A label-free screening approach targeted protease-activated receptor 1 based on dynamic mass redistribution in living cells[J]. RSC advances. 2017, 7(68): 43005-43013.

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