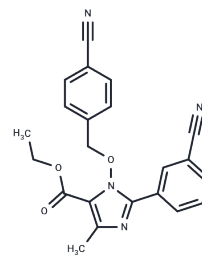


P2Y1/P2Y12 antagonist-1

Chemical Properties

CAS No. :	2738381-94-5
Formula:	C ₂₂ H ₁₈ N ₄ O ₃
Molecular Weight:	386.4
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	P2Y1/P2Y12 antagonist-1 is a platelet aggregation inhibitor.
Targets(IC50)	Platelet aggregation,P2Y Receptor

Solubility Information

Solubility	DMSO: 3.87 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	2.588 mL	12.940 mL	25.8799 mL
5 mM	0.5176 mL	2.588 mL	5.176 mL
10 mM	0.2588 mL	1.294 mL	2.588 mL
50 mM	0.0518 mL	0.2588 mL	0.5176 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

Wang Shaojie, et al. Preparation of imidazole derivatives as platelet aggregation inhibitors. CN114105881A

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