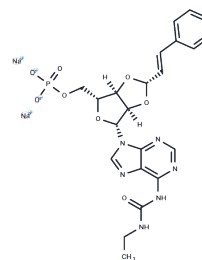


Regrelor disodium

Chemical Properties

CAS No. :	676251-22-2
Formula:	C ₂₂ H ₂₃ N ₆ Na ₂ O ₈ P
Molecular Weight:	576.41
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	Regrelor disodium (INS 50589) is a P2Y ₁₂ receptor antagonist that prevents thrombosis, effectively inhibits vascular smooth muscle cell contraction, curbs cell proliferation, and reduces inflammation.
Targets(IC50)	P2Y Receptor

Solubility Information

Solubility	H ₂ O: 105 mg/mL (182.16 mM), Sonication is recommended. DMSO: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7349 mL	8.6744 mL	17.3488 mL
5 mM	0.347 mL	1.7349 mL	3.4698 mL
10 mM	0.1735 mL	0.8674 mL	1.7349 mL
50 mM	0.0347 mL	0.1735 mL	0.347 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

- Moliterno DJ. Advances in antiplatelet therapy for ACS and PCI. J Interv Cardiol. 2008 Dec;21 Suppl 1:S18-24.
Xiang YZ, et al. Platelet activation, and antiplatelet targets and agents: current and novel strategies. Drugs. 2008; 68(12):1647-64.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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