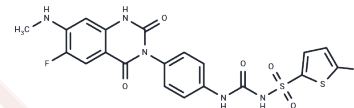


Elinogrel

Chemical Properties

CAS No. :	936500-94-6
Formula:	C ₂₀ H ₁₅ ClFN ₅ O ₅ S ₂
Molecular Weight:	523.95
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	Elinogrel (PRT060128) is a competitive and reversible antagonist of platelet P2Y ₁₂ with IC ₅₀ of 20 nM and exhibits potent antiplatelet effects.
Targets(IC ₅₀)	P2Y Receptor

Solubility Information

Solubility	DMSO: 120 mg/mL (229.03 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (7.63 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9086 mL	9.5429 mL	19.0858 mL
5 mM	0.3817 mL	1.9086 mL	3.8172 mL
10 mM	0.1909 mL	0.9543 mL	1.9086 mL
50 mM	0.0382 mL	0.1909 mL	0.3817 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

Angiolillo DJ, et al. Pharmacokinetic and pharmacodynamic effects of elinogrel: results of the platelet function substudy from the intravenous and oral administration of elinogrel to evaluate tolerability and efficacy in nonurgent percutaneous coronary intervention patients (INNOVATE-PCI) trial. *Circ Cardiovasc Interv.* 2012 Jun;5(3):347-56.

Jacobson KA, et al. Pharmacology of the platelet purinergic receptors. *Purinergic Signal.* 2011 Sep;7(3):305-24.

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