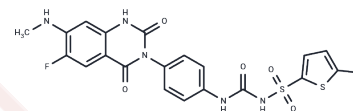


Elinogrel

Chemical Properties

CAS No. :	936500-94-6
Formula:	C ₂₀ H ₁₅ ClFN ₅ O ₅ S ₂
Molecular Weight:	523.95
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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)
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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.

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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