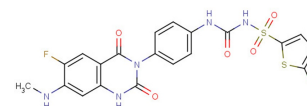


Elinogrel

Chemical Properties

CAS No.:	936500-94-6
Formula:	C ₂₀ H ₁₅ ClFN ₅ O ₅ S ₂
Molecular Weight:	523.95
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Elinogrel can be given orally and intravenously and has a strong anti-platelet effect. Elinogrel is an effective, direct acting, competitive, reversible platelet P2Y ₁₂ antagonist (IC ₅₀ =20 nM).
Targets(IC ₅₀)	P2Y ₁₂ : 20 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.909 mL	9.543 mL	19.086 mL
5 mM	0.382 mL	1.909 mL	3.817 mL
10 mM	0.191 mL	0.954 mL	1.909 mL
50 mM	0.038 mL	0.191 mL	0.382 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.
2. Jacobson KA, et al. Pharmacology of the platelet purinergic receptors. Purinergic Signal. 2011 Sep;7(3):305-24.

Inhibitors · Natural Compounds · Compound Libraries

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