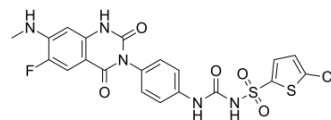


Elinogrel

Cat. No.:	HY-11021		
CAS No.:	936500-94-6		
Molecular Formula:	C ₂₀ H ₁₅ ClFN ₅ O ₅ S ₂		
Molecular Weight:	523.95		
Target:	P2Y Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Elinogrel (PRT060128) is a potent, direct acting, competitive, and reversible platelet P2Y ₁₂ antagonist (IC ₅₀ =20 nM). It is orally and intravenously available and has potent antiplatelet effects ^[1] .
IC ₅₀ & Target	IC ₅₀ : 20 nM (P2Y ₁₂) ^[2]

REFERENCES

- [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.

Caution: Product has not been fully validated for medical applications. For research use only.

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