
Product Data Sheet

Product Name: Elinogrel
 Cat. No.: GC18472

Chemical Properties

Cas. No. 936500-94-6

Chemical Name 5-chloro-N-[[[4-[6-fluoro-1,4-dihydro-7-(methylamino)-2,4-dioxo-3(2H)-quinazoliny]]phenyl]amino]carbonyl]-2-thiophenesulfonamide

SMILES CNC1=C(F)C=C(C(N(C2=CC=C(NC(NS(C3=CC=C(Cl)S3)(=O)=O)=O)C=C2)C(N4)=O)=O)C4=C1

Formula $C_{20}H_{15}ClFN_5O_5S_2$ M.Wt 523.9

Solubility DMSO: 100 mM Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Elinogrel (PRT060128) is a potent, direct acting, competitive, and reversible platelet P2Y₁₂ antagonist (IC₅₀=20 nM). It is orally and intravenously available and has potent antiplatelet effects[1].

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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