

Product Name: Elinogrel

Catalog No.: 5316

Batch No.: 1

CAS Number: 936500-94-6

IUPAC Name: 5-Chloro-N-[[[4-[6-Fluoro-1,4-dihydro-7-(methylamino)-2,4-dioxo-3(2*H*)-quinazoliny]phenyl]amino]carbonyl]-2-thiophenesulfonamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₀H₁₅ClFN₅O₅S₂

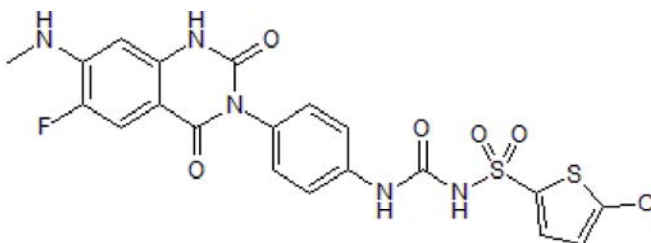
Batch Molecular Weight: 523.95

Physical Appearance: Cream solid

Solubility: DMSO to 100 mM

Storage: Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 96.9% purity

¹H NMR: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	45.85	2.89	13.37
Found	45.99	2.9	13.37

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Description:

P2Y₁₂ antagonist; exhibits antiplatelet activity.

Physical and Chemical Properties:

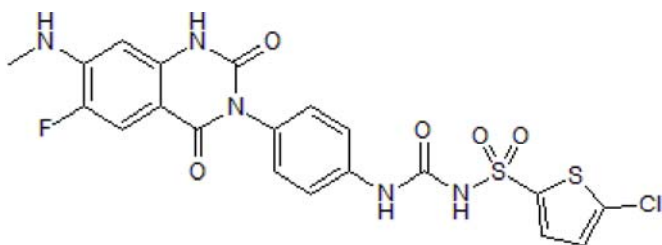
Batch Molecular Formula: C₂₀H₁₅ClFN₅O₅S₂

Batch Molecular Weight: 523.95

Physical Appearance: Cream solid

Minimum Purity: ≥97%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Cattaneo *et al* (2010) State of the art of new P2Y₁₂ antagonists. *Intern. Emerg. Med.* **5** 385. PMID: 20177818.

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