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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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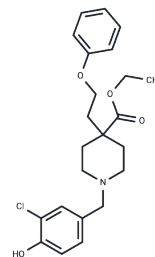
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ML359

Chemical Properties

CAS No. : 1069858-99-6
Formula: C₂₃H₂₈ClNO₄
Molecular Weight: 417.93
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ML359 is a protein disulfide isomerase inhibitor.
Targets(IC50)	Others
In vitro	ML359 shown to be a specific inhibitor of PDI. ML359 shows no cytotoxicity in three human cell lines, and some activity in inhibiting platelet aggregation in vitro. ML359 will provide more understanding of the mechanisms of PDI in platelet functions. It also could lead to the development of a new class of antithrombotics that could establish PDI as suitable drug target.

Solubility Information

Solubility	DMSO: 84 mg/mL (200.99 mM), Ethanol: 84 mg/mL (200.99 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3927 mL	11.9637 mL	23.9275 mL
5 mM	0.4785 mL	2.3927 mL	4.7855 mL
10 mM	0.2393 mL	1.1964 mL	2.3927 mL
50 mM	0.0479 mL	0.2393 mL	0.4785 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

Khodier C, VerPlank L, Nag PP, Pu J, Wurst J, Pilyugina T, Dockendorff C, Galinski CN, Scalise AA, Passam F, van Hessem L, Dilks J, Kennedy DR, Flaumenhaft R, Palmer MAJ, Dandapani S, Munoz B, Schrieber SL. Identification of

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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