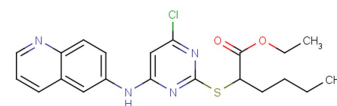


LP117

Chemical Properties

CAS No.: 1056468-55-3
Formula: C₂₁H₂₃ClN₄O₂S
Molecular Weight: 430.95
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	LP117 is a novel and effective inhibitor of 5-Lipoxygenase (5-LO) product synthesis (IC ₅₀ : 1.1 μM).
Targets(IC ₅₀)	5-LO: 1.1 μM

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	2.32 mL	11.602 mL	23.205 mL
5 mM	0.464 mL	2.32 mL	4.641 mL
10 mM	0.232 mL	1.16 mL	2.32 mL
50 mM	0.046 mL	0.232 mL	0.464 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. Werz O, et al. Novel and potent inhibitors of 5-lipoxygenase product synthesis based on the structure of pirinixic acid. J Med Chem. 2008 Sep 11;51(17):5449-53.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481