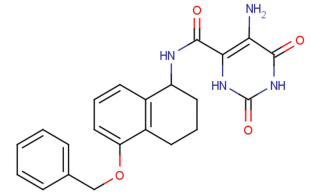


Data Sheet (Cat.No.T11199)

Endothelial lipase inhibitor-1

Chemical Properties

CAS No.:	1466427-02-0
Formula:	C ₂₂ H ₂₂ N ₄ O ₄
Molecular Weight:	406.43
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Endothelial lipase inhibitor-1 is a potent endothelial lipase inhibitor with an IC ₅₀ of 49 nM.
Targets(IC ₅₀)	Endothelial lipase: 49 nM

Solubility Information

Solubility	DMSO: 25 mg/mL (61.51 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.46 mL	12.302 mL	24.604 mL
5 mM	0.492 mL	2.46 mL	4.921 mL
10 mM	0.246 mL	1.23 mL	2.46 mL
50 mM	0.049 mL	0.246 mL	0.492 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. Hu CH, et al. Discovery and synthesis of tetrahydropyrimidinedione-4-carboxamides as endothelial lipase inhibitors. Bioorg Med Chem Lett. 2018 Dec 15;28(23-24):3721-3725.

Inhibitors · Natural Compounds · Compound Libraries

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