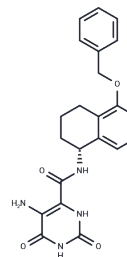


Endothelial lipase inhibitor-1

Chemical Properties

CAS No. :	1466427-02-0
Formula:	C22H22N4O4
Molecular Weight:	406.43
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

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

Solubility Information

Solubility	DMSO: 40 mg/mL (98.42 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4604 mL	12.3022 mL	24.6045 mL
5 mM	0.4921 mL	2.4604 mL	4.9209 mL
10 mM	0.246 mL	1.2302 mL	2.4604 mL
50 mM	0.0492 mL	0.246 mL	0.4921 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

Hu CH, et al. Discovery and synthesis of tetrahydropyrimidin-4-carboxamides as endothelial lipase inhibitors. Bioorg Med Chem Lett. 2018 Dec 15;28(23-24):3721-3725.

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