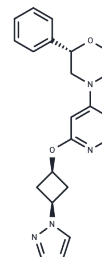


ELOVL1-IN-3

Chemical Properties

CAS No. : 2761063-99-2
 Formula: C₂₁H₂₃N₅O₂
 Molecular Weight: 377.44
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ELOVL1-IN-3 is a potent and orally active inhibitor of elongation of very long chain fatty acid 1 (ELOVL1) enzyme. ELOVL1-IN-3 serves as a useful tool for researching adrenoleukodystrophy (ALD).
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 90 mg/mL (238.4 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	2.6494 mL	13.2471 mL	26.4943 mL
5 mM	0.5299 mL	2.6494 mL	5.2989 mL
10 mM	0.2649 mL	1.3247 mL	2.6494 mL
50 mM	0.053 mL	0.2649 mL	0.5299 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

Boyd MJ, et al. Discovery of Novel, Orally Bioavailable Pyrimidine Ether-Based Inhibitors of ELOVL1. J Med Chem. 2021;64(24):17777-17794.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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