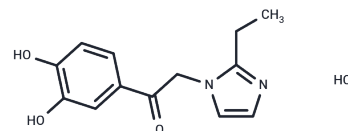


ML-095 hydrochloride

Chemical Properties

CAS No. : 1135318-57-8
Formula: C₁₃H₁₅ClN₂O₃
Molecular Weight: 282.72
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ML-095 hydrochloride (CID-25067483 hydrochloride) is a specific placental alkaline phosphatase inhibitor. It inhibits PLAP, TNAP and IAP with IC ₅₀ of 2.1, >100 and 53 μ M, respectively.
Targets(IC ₅₀)	Phospholipase

Solubility Information

Solubility	DMSO: 4 mg/mL (14.15 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5371 mL	17.6853 mL	35.3707 mL
5 mM	0.7074 mL	3.5371 mL	7.0741 mL
10 mM	0.3537 mL	1.7685 mL	3.5371 mL
50 mM	0.0707 mL	0.3537 mL	0.7074 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

Sergienko E , Garcia X , Brown B , et al. Placental Alkaline Phosphatase (PLAP) Luminescent HTS assay - Probe 2[M]
// Probe Reports from the NIH Molecular Libraries Program. PubMed, 2010.

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