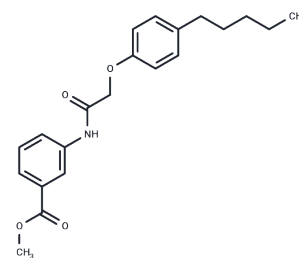


MDH1-IN-1

Chemical Properties

CAS No. : 2143463-31-2
Formula: C₂₁H₂₅NO₄
Molecular Weight: 355.43
Appearance: no data available
Storage: store at low temperature
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	MDH1-IN-1 is a potent MDH1 inhibitor with potential anticancer activity for the study of diseases related to the immune system.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mg/mL (28.13 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	2.8135 mL	14.0675 mL	28.1349 mL
5 mM	0.5627 mL	2.8135 mL	5.627 mL
10 mM	0.2813 mL	1.4067 mL	2.8135 mL
50 mM	0.0563 mL	0.2813 mL	0.5627 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

Naik R, et al. Methyl 3-(3-(4-(2,4,4-Trimethylpentan-2-yl)phenoxy)-propanamido)benzoate as a Novel and Dual Malate Dehydrogenase (MDH) 1/2 Inhibitor Targeting Cancer Metabolism. J Med Chem. 2017;60(20):8631-8646.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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