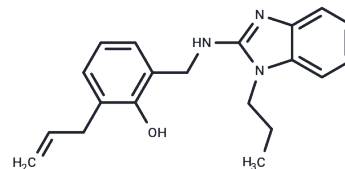


CM10

Chemical Properties

CAS No. : 692269-09-3
Formula: C₂₀H₂₃N₃O
Molecular Weight: 321.42
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CM10 is an aldehyde dehydrogenase 1A family(ALDH1A) inhibitor.
Targets(IC50)	Dehydrogenase

Solubility Information

Solubility	DMSO: 11 mg/mL (34.22 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1112 mL	15.556 mL	31.1119 mL
5 mM	0.6222 mL	3.1112 mL	6.2224 mL
10 mM	0.3111 mL	1.5556 mL	3.1112 mL
50 mM	0.0622 mL	0.3111 mL	0.6222 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

A Pan-ALDH1A Inhibitor Induces Necroptosis in Ovarian Cancer Stem-like Cells.[J]. Cell reports, 2019.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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