

IIIM-8

Chemical Properties

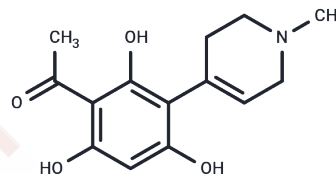
CAS No. : 1128053-62-2

Formula: C₁₄H₁₇NO₄

Molecular Weight: 263.29

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	IIIM-8 is a melanogenesis inhibitor that suppresses pigment production in both in vitro and in vivo settings, exhibiting no cytotoxic effects on Human Adult Epidermal Melanocytes (HAEM). It has potential applications in the study of hyperpigmentation disorders [1].
Targets(IC50)	Melanocortin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7981 mL	18.9905 mL	37.9809 mL
5 mM	0.7596 mL	3.7981 mL	7.5962 mL
10 mM	0.3798 mL	1.899 mL	3.7981 mL
50 mM	0.076 mL	0.3798 mL	0.7596 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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