

Ferroptosis-IN-1

Chemical Properties

CAS No. :

Formula: C₂₂H₃₄O₅

Molecular Weight: 378.5

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	Ferroptosis-IN-1, a diterpene derived from <i>A. campylantha</i> , functions as a ferroptosis inhibitor with an EC ₅₀ of 10 µM and is utilized in the study of neuroinflammatory diseases [1].
Targets(IC ₅₀)	Ferroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.642 mL	13.210 mL	26.4201 mL
5 mM	0.5284 mL	2.642 mL	5.284 mL
10 mM	0.2642 mL	1.321 mL	2.642 mL
50 mM	0.0528 mL	0.2642 mL	0.5284 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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