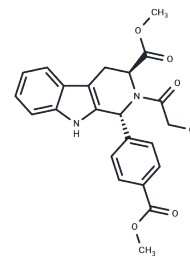


1R,3S-RSL 3

Chemical Properties

CAS No. : 1219810-13-5
 Formula: C₂₃H₂₁ClN₂O₅
 Molecular Weight: 440.88
 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	1R,3S-RSL 3 is a harmala alkaloid.
Targets(IC50)	Others,Ferroptosis,Glutathione Peroxidase

Solubility Information

Solubility	DMSO: 55 mg/mL (124.75 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	2.2682 mL	11.341 mL	22.6819 mL
5 mM	0.4536 mL	2.2682 mL	4.5364 mL
10 mM	0.2268 mL	1.1341 mL	2.2682 mL
50 mM	0.0454 mL	0.2268 mL	0.4536 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.

Reference

Brent R. StockwellWan Seok YangRohitha SriRamaratnam. Oncogenic-RAS-signal dependent lethal compounds. US8546421B1

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