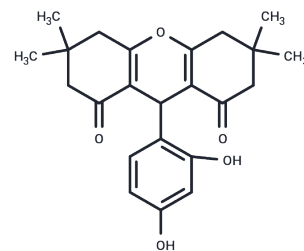


CIL62

Chemical Properties

CAS No. : 117593-36-9
Formula: C₂₃H₂₆O₅
Molecular Weight: 382.45
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CIL62 is a caspase-3/7-independent inducer of cell death. The mechanism of action of CIL62 is Necrostatin-1 dependent cell death [1].
Targets(IC50)	Caspase
In vitro	Necrostatin-1 at 19 μ M (5 μ g/mL) suppresses CIL62, but CIL62 is not suppressed by the ferroptosis inducers (antioxidants or iron-chelators) [1].

Solubility Information

Solubility	DMSO: 10 mg/mL (26.15 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6147 mL	13.0736 mL	26.1472 mL
5 mM	0.5229 mL	2.6147 mL	5.2294 mL
10 mM	0.2615 mL	1.3074 mL	2.6147 mL
50 mM	0.0523 mL	0.2615 mL	0.5229 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

Shimada K , Skouta R , Kaplan A , et al. Global survey of cell death mechanisms reveals metabolic regulation of ferroptosis[J]. Nature Chemical Biology, 2016.

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