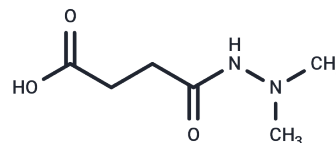


Daminozide

Chemical Properties

CAS No. : 1596-84-5
Formula: C₆H₁₂N₂O₃
Molecular Weight: 160.17
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Daminozide (Succinic Acid) is a plant growth regulator, selectively inhibits the KDM2/7 JmjC subfamily.
Targets(IC50)	Histone Demethylase

Solubility Information

Solubility	DMSO: 18.33 mg/mL (114.46 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	6.2434 mL	31.2168 mL	62.4337 mL
5 mM	1.2487 mL	6.2434 mL	12.4867 mL
10 mM	0.6243 mL	3.1217 mL	6.2434 mL
50 mM	0.1249 mL	0.6243 mL	1.2487 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

Reed DJ, Moore TC, Anderson JD. Science. 1965 Jun 11;148(3676):1469-71.
Rose NR, Woon EC, Tumber A, J Med Chem. 2012 Jul 26;55(14):6639-43.

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