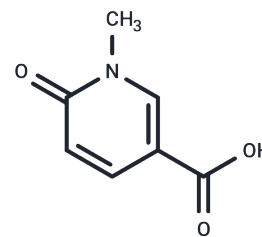


Nudifloric Acid

Chemical Properties

CAS No. :	3719-45-7
Formula:	C7H7NO3
Molecular Weight:	153.14
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1-Methyl-6-oxo-1,6-dihydropyridine-3-carboxylic acid (Nudifloric Acid) is from Cordyceps bassiana. Nudifloric Acid targets to block AP-1-mediated luciferase activity, implying it has an anti-inflammatory function.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 45 mg/mL (293.85 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.530 mL	32.6499 mL	65.2997 mL
5 mM	1.306 mL	6.530 mL	13.0599 mL
10 mM	0.653 mL	3.265 mL	6.530 mL
50 mM	0.1306 mL	0.653 mL	1.306 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

Suh W , Nam G , Yang W S , et al. Chemical Constituents Identified from Fruit Body of Cordyceps bassiana and Their Anti-Inflammatory Activity[J]. Biomolecules and Therapeutics, 2016, 25(2):165-170.

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