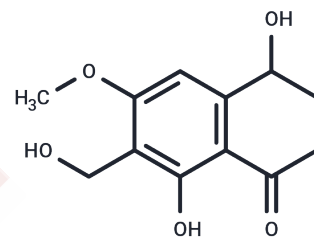


10-Norparvulenone

Chemical Properties

CAS No. :	618104-32-8
Formula:	C ₁₂ H ₁₄ O ₅
Molecular Weight:	238.24
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	10-Norparvulenone is a fungal metabolite originally isolated from <i>Microsphaeropsis</i> . It decreases viral sialidase activity in, and increases survival of, MDCK cells infected with the mouse-adapted influenza virus A/PR/8/34 when used at a concentration of 1 µg/mL.
Targets(IC50)	Others, Antibacterial, Antibiotic, Influenza Virus

Solubility Information

Solubility	DMSO: Soluble Methanol: Soluble Dichloromethane: Soluble Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1974 mL	20.9872 mL	41.9745 mL
5 mM	0.8395 mL	4.1974 mL	8.3949 mL
10 mM	0.4197 mL	2.0987 mL	4.1974 mL
50 mM	0.0839 mL	0.4197 mL	0.8395 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

Fukami, A., Nakamura, T., Kim, Y.P., et al. A new anti-influenza virus antibiotic, 10-norparvulenone from *Microsphaeropsis* sp. FO-5050J. *Antibiot. (Tokyo)* 53(10)1215-1218(2000)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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