

Pulvic acid

Chemical Properties

CAS No. :	26548-70-9
Formula:	C18H12O5
Molecular Weight:	308.29
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	Pulvic acid (Compound 3) is a butenolide and a secondary metabolite produced by microorganisms. It can be isolated from the marine-derived fungus <i>Aspergillus terreus</i> Gwq-48. Pulvic acid exhibits significant antiviral activity, with an IC50 of 29.1 µg/mL against the influenza A H1N1 virus, and is applicable in influenza virus infection research.
Targets(IC50)	Endogenous Metabolite, Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2437 mL	16.2185 mL	32.437 mL
5 mM	0.6487 mL	3.2437 mL	6.4874 mL
10 mM	0.3244 mL	1.6218 mL	3.2437 mL
50 mM	0.0649 mL	0.3244 mL	0.6487 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.

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