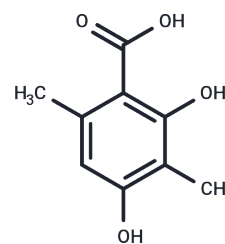


3-Methyl Orsellinic Acid

Chemical Properties

CAS No. :	4707-46-4
Formula:	C ₉ H ₁₀ O ₄
Molecular Weight:	182.18
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	3-Methyl Orsellinic Acid is a fungal secondary metabolite that has been identified in <i>Aspergillus terreus</i> . 3-Methyl Orsellinic Acid has been employed as a standard compound in dereplication studies of natural products, facilitating the efficient identification and comparison of structurally similar metabolites across fungal and microbial extracts.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4891 mL	27.4454 mL	54.8908 mL
5 mM	1.0978 mL	5.4891 mL	10.9782 mL
10 mM	0.5489 mL	2.7445 mL	5.4891 mL
50 mM	0.1098 mL	0.5489 mL	1.0978 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

Chen G, et al., Tripodalsporormielones A-C, unprecedented cage-like polyketides with complex polydent bridged and fused ring systems. *Acta Pharm Sin B*. 2021 Nov;11(11):3648-3654.

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