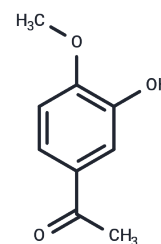


3-Hydroxy-4-methoxyacetophenone

Chemical Properties

CAS No. :	6100-74-9
Formula:	C ₉ H ₁₀ O ₃
Molecular Weight:	166.17
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	3-Hydroxy-4-methoxyacetophenone (Acetoisovanillone) is an active <i>P. spinosa</i> extract. It possesses anti-inflammatory activity and prevented injuries due to administration of acetic acid in the colon.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 9 mg/mL (54.16 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	6.0179 mL	30.0897 mL	60.1793 mL
5 mM	1.2036 mL	6.0179 mL	12.0359 mL
10 mM	0.6018 mL	3.009 mL	6.0179 mL
50 mM	0.1204 mL	0.6018 mL	1.2036 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

Minaiyan M, et al. Anti-inflammatory effect of *Pycnocyclus spinosa* extract and its component isoacetovanillone on acetic acid induced colitis in rats. *Res Pharm Sci.* 2015 Jul-Aug;10(4):345-55.

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