

Product Data Sheet

Product Name: 3-Hydroxy-4-methoxyacetophenone

Cat. No.: GC39113

Chemical Properties

Cas. No. 6100-74-9

SMILES CC(C1=CC(O)=C(OC)C=C1)=O

Formula $C_9H_{10}O_3$

M.Wt 166.17

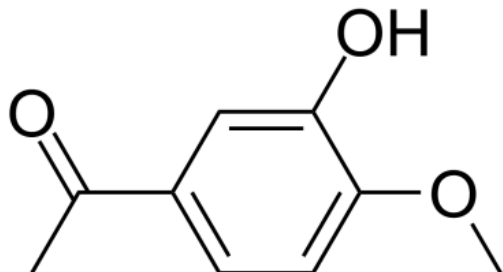
Solubility Soluble in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

3-Hydroxy-4-methoxyacetophenone (Acetoisovanillone; Isoacetovanillone) is an active compound isolated from *P. spinosa*. Isoacetovanillone possesses anti-inflammatory activity and prevented injuries due to administration of acetic acid in the colon[1].

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

Caution: Product has not been fully validated for medical applications. For research use only.

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