

Product Data Sheet

Product Name: 1-(4-Methoxyphenyl)-1-propanol

Cat. No.: GC79594

Chemical Properties

Cas. No. 5349-60-0

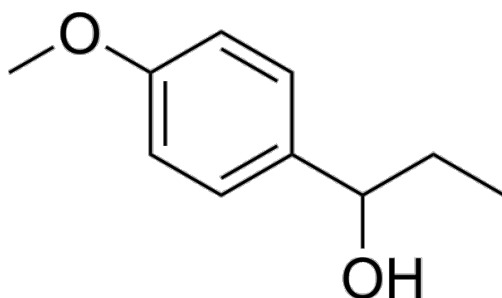
Formula $C_{10}H_{14}O_2$ M.Wt 166.22

Solubility DMSO: 100 mg/mL (601.61 mM; Need ultrasonic) Storage Store at room temperature

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

1-(4-Methoxyphenyl)-1-propanol (Compound 2) is an orally active derivative of anethole. 1-(4-Methoxyphenyl)-1-propanol exhibits significant antioxidant activity. 1-(4-Methoxyphenyl)-1-propanol has anti-inflammatory activity and moderate gastric protective activity in mice. 1-(4-Methoxyphenyl)-1-propanol can be used for the study of gastric ulcers [1].

References:

[1]. Freire RS, et al. Synthesis and antioxidant, anti-inflammatory and gastroprotector activities of

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

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anethole and related compounds. Bioorg Med Chem. 2005 Jul 1;13(13):4353-8.

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