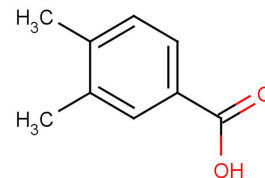


3,4-Dimethylbenzoic acid

Chemical Properties

CAS No.:	619-04-5
Formula:	C ₉ H ₁₀ O ₂
Molecular Weight:	150.18
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	3,4-Dimethylbenzoic acid is a product of dimethylbenzoate metabolism by <i>Rhodococcus rhodochrous</i> N75.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.659 mL	33.293 mL	66.587 mL
5 mM	1.332 mL	6.659 mL	13.317 mL
10 mM	0.666 mL	3.329 mL	6.659 mL
50 mM	0.133 mL	0.666 mL	1.332 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. StefanSchmidt, et al. Isolation and identification of two novel butenolides as products of dimethylbenzoate metabolism by

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481