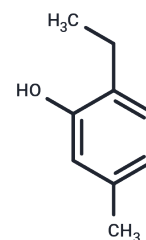


2-Ethyl-5-methylphenol

Chemical Properties

CAS No. :	1687-61-2
Formula:	C ₉ H ₁₂ O
Molecular Weight:	136.19
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-Ethyl-5-methylphenol is an alkylphenol that can be isolated or identified from [Penicillium aurantiogriseum], [P. verrucosum], and [P. viridicatum].
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (403.85 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	7.3427 mL	36.7134 mL	73.4268 mL
5 mM	1.4685 mL	7.3427 mL	14.6854 mL
10 mM	0.7343 mL	3.6713 mL	7.3427 mL
50 mM	0.1469 mL	0.7343 mL	1.4685 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

C K Wilkins, et al. Volatile metabolites of some barley storage molds. Int J Food Microbiol. 1989 Feb;8(1):11-7.

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