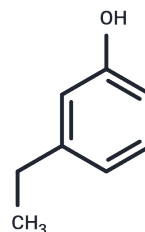


3-Ethylphenol

Chemical Properties

CAS No. :	620-17-7
Formula:	C ₈ H ₁₀ O
Molecular Weight:	122.16
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-Ethylphenol exhibits ciliate toxicity and inhibits Tetrahymena pyriformis, and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 4 mg/mL (32.74 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	8.186 mL	40.9299 mL	81.8599 mL
5 mM	1.6372 mL	8.186 mL	16.372 mL
10 mM	0.8186 mL	4.093 mL	8.186 mL
50 mM	0.1637 mL	0.8186 mL	1.6372 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

Hitschler J, et al. Substrate promiscuity of polyketide synthase enables production of tsetse fly attractants 3-ethylphenol and 3-propylphenol by engineering precursor supply in yeast. Sci Rep. 2020 Jun 19;10(1):9962.

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