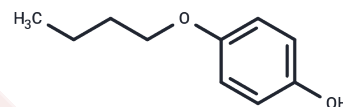


4-Butoxyphenol

Chemical Properties

CAS No. :	122-94-1
Formula:	C ₁₀ H ₁₄ O ₂
Molecular Weight:	166.22
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	4-Butoxyphenol (P-Butoxyphenol) is a phenolic compound with a wide range of applications in science and industry. It is often used in the synthesis of other compounds such as 4-butoxyphenylacetic acid and 4-butoxyphenylacetonitrile. It is also used in the synthesis of drugs such as ibuprofen and naproxen.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 11 mg/mL (66.18 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	6.0161 mL	30.0806 mL	60.1612 mL
5 mM	1.2032 mL	6.0161 mL	12.0322 mL
10 mM	0.6016 mL	3.0081 mL	6.0161 mL
50 mM	0.1203 mL	0.6016 mL	1.2032 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

Davydov A, Gräslund A. Biochem Biophys Res Commun. 1999 May 10;258(2):322-5.

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