

3-Pentadecylphenol

Chemical Properties

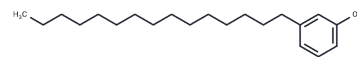
CAS No. : 501-24-6

Formula: C₂₁H₃₆O

Molecular Weight: 304.5099

Storage: Store under nitrogen
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-Pentadecylphenol is an organic compound classified under phenols. It consists of a phenolic ring attached to a 15-carbon pentadecyl chain and has a faint sweet odor. This compound finds various applications in the chemical and pharmaceutical industries, primarily as an intermediate in the synthesis of different chemicals and pharmaceuticals. Additionally, it serves as an antioxidant for plastics and rubber.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.284 mL	16.4198 mL	32.8396 mL
5 mM	0.6568 mL	3.284 mL	6.5679 mL
10 mM	0.3284 mL	1.642 mL	3.284 mL
50 mM	0.0657 mL	0.3284 mL	0.6568 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.

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