

4-Penten-1-ol

Chemical Properties

CAS No. : 821-09-0

Formula: C₅H₁₀O

Molecular Weight: 86.1323

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

4-Penten-1-ol is commonly utilized as a fragrance component in a variety of products, including food, beverages, and perfumes. It also serves as a starting material for synthesizing various organic compounds, such as pharmaceuticals and agricultural chemicals. Moreover, due to its low toxicity and biodegradability, 4-Penten-1-ol has been investigated for potential use as a bio-based solvent. Additionally, its antimicrobial properties against certain bacteria and fungi have been studied, which may facilitate the development of new antimicrobial agents.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.6104 mL	58.0518 mL	116.1036 mL
5 mM	2.3221 mL	11.6104 mL	23.2207 mL
10 mM	1.161 mL	5.8052 mL	11.6104 mL
50 mM	0.2322 mL	1.161 mL	2.3221 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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