

5-phenylpentan-1-ol

Chemical Properties

CAS No. :	10521-91-2
Formula:	C ₁₁ H ₁₆ O
Molecular Weight:	164.244
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	5-phenylpentan-1-ol (5-Phenylpentano) is a pentanol containing a benzene ring and is used in organic synthesis and biochemical experiments.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0887 mL	30.4433 mL	60.8865 mL
5 mM	1.2177 mL	6.0887 mL	12.1773 mL
10 mM	0.6089 mL	3.0443 mL	6.0887 mL
50 mM	0.1218 mL	0.6089 mL	1.2177 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

Dipple I, et al. The activity of glucagon-stimulated adenylate cyclase from rat liver plasma membranes is modulated by the fluidity of its lipid environment. *Biochem J.* 1978 Jul 15;174(1):179-90.

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