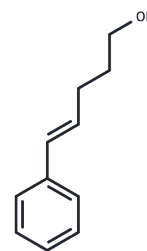


5-Phenyl-4E-pentenol

Chemical Properties

CAS No. :	13159-16-5
Formula:	C ₁₁ H ₁₄ O
Molecular Weight:	162.23
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	5-Phenyl-4E-pentenol is a product of PPHP reduction catalyzed by peroxidases. It can be rapidly separated using solid-phase extraction and quantified through isocratic reverse-phase high-performance liquid chromatography (HPLC) coupled with UV detection. As a fluorescent dye, 5-Phenyl-4E-pentenol is used to determine the kinetic properties of both heme and non-heme peroxidases and to evaluate the capability of oxidative compounds as substrates for peroxidase reduction.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1641 mL	30.8204 mL	61.6409 mL
5 mM	1.2328 mL	6.1641 mL	12.3282 mL
10 mM	0.6164 mL	3.082 mL	6.1641 mL
50 mM	0.1233 mL	0.6164 mL	1.2328 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481