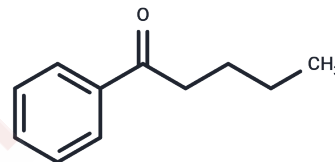


Valerophenone

Chemical Properties

CAS No. :	1009-14-9
Formula:	C ₁₁ H ₁₄ O
Molecular Weight:	162.23
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	Valerophenone is an aromatic compound commonly used as a probe in photochemical reactions, widely used in biochemical experiments and drug synthesis research.
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.

Reference

Ding L, et al. Solvent effects on photoreactivity of valerophenone: a combined QM and MM study. J Org Chem. 2009 Dec 4;74(23):8956-62.

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