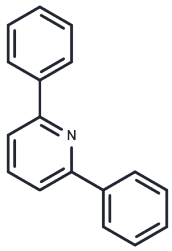
Data Sheet (Cat.No.TN9491)

TargetMol

2,6-Diphenylpyridine

Chemical Properties



CAS No. : 3558-69-8

Formula: C17H13N

Molecular Weight: 231.29

Storage: 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	2,6-Diphenylpyridine is toxic to MDA-MB-231 cells and has anticancer potential.
Targets(IC50)	Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3236 mL	21.6179 mL	43.2358 mL
5 mM	0.8647 mL	4.3236 mL	8.6472 mL
10 mM	0.4324 mL	2.1618 mL	4.3236 mL
50 mM	0.0865 mL	0.4324 mL	0.8647 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

D'Antona N, et al. Proton-Transfer Kinetics at Liquid-Liquid Interfaces. J Am Chem Soc. 2025 Jun 11.
Wong, K.-H., Cheung, K.-K., Chan, M. C.-W., & Che, C.-M. (1998). Application of 2,6-Diphenylpyridine as a Tridentate [CΛNΛC] Dianionic Ligand in Organogold(III) Chemistry. Structural and Spectroscopic Properties of Mono- and Binuclear Transmetalated Gold(III) Complexes. Organometallics, 17(16), 3505–3511.

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