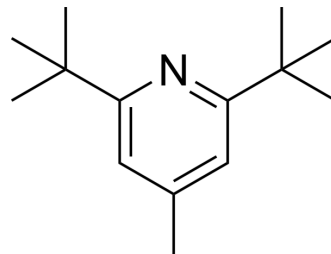


2,6-Di-tert-butyl-4-methylpyridine

Cat. No.:	HY-W007500
CAS No.:	38222-83-2
Molecular Formula:	C ₁₄ H ₂₃ N
Molecular Weight:	205.34
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	<div>Pure form</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (121.75 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.8700 mL	24.3499 mL	48.6997 mL
	5 mM		0.9740 mL	4.8700 mL	9.7399 mL
	10 mM		0.4870 mL	2.4350 mL	4.8700 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

2,6-Di-Tert-butyl-4-methylpyridine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

In Vitro

2,6-Di-tert-butyl-4-methylpyridine is used for the generation of enol triflates from ketones using trifluoromethanesulfonic anhydride. It is also used in the synthesis of 1,2-dihydro-2-silanaphthalene derivatives, as base in PtCl₄-catalyzed cyclizing reactions of homopropargyl azide derivatives and in diastereoselective synthesis of β-thiomannopyranosides. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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