Data Sheet (Cat.No.TN6875)

TargetMol

1,3-Di-tert-butylbenzene

Chemical Properties

CAS No. : 1014-60-4

Formula: C14H22

Molecular Weight: 190.325

Storage: Store at RT
Actual storage temperature shall be subject to the COA.

Biological Description

Description	1,3-Di-tert-butylbenzene is a PPARδ inhibitor and can be used in biochemical experiments and drug synthesis.
Targets(IC50)	PPAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.254 mL	26.2702 mL	52.5403 mL
5 mM	1.0508 mL	5.254 mL	10.5081 mL
10 mM	0.5254 mL	2.627 mL	5.254 mL
50 mM	0.1051 mL	0.5254 mL	1.0508 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

Štefániková J, et al. The Effect of Amanita rubescens Pers Developmental Stages on Aroma Profile. J Fungi (Basel). 2021 Jul 28;7(8):611.
Araújo AM, et al. Metabolic signature of methylone in primary mouse hepatocytes, at subtoxic concentrations. Arch Toxicol. 2019 Nov;93(11):3277-3290.

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