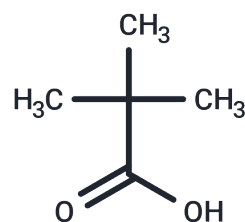


Pivalic acid

Chemical Properties

CAS No. :	75-98-9
Formula:	C ₅ H ₁₀ O ₂
Molecular Weight:	102.13
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	Pivalic acid is a carboxylic acid exhibiting mild inhibitory effects on K562 cells, suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.7914 mL	48.9572 mL	97.9144 mL
5 mM	1.9583 mL	9.7914 mL	19.5829 mL
10 mM	0.9791 mL	4.8957 mL	9.7914 mL
50 mM	0.1958 mL	0.9791 mL	1.9583 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

Lafrance M, Fagnou K. Palladium-catalyzed benzene arylation: incorporation of catalytic pivalic acid as a proton shuttle and a key element in catalyst design. J Am Chem Soc. 2006 Dec 27;128(51):16496-7.

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