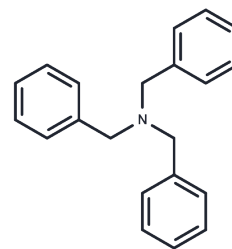


Tribenzylamine

Chemical Properties

CAS No. :	620-40-6
Formula:	C ₂₁ H ₂₁ N
Molecular Weight:	287.41
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	Tribenzylamine is an agent of biochemical.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4794 mL	17.3968 mL	34.7935 mL
5 mM	0.6959 mL	3.4794 mL	6.9587 mL
10 mM	0.3479 mL	1.7397 mL	3.4794 mL
50 mM	0.0696 mL	0.3479 mL	0.6959 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

Mikata Y, Nodomi Y, Ohnishi R, Kizu A, Konno H. Tris(8-methoxy-2-quinolylmethyl)amine (8-MeOTQA) as a highly fluorescent Zn(2+) probe prepared by convenient C3-symmetric tripodal amine synthesis. Dalton Trans. 2015 May 7;44(17):8021-30. doi: 10.1039/c5dt00514k. PubMed PMID: 25827829.

Bortoluzzi M, Marchetti F, Pampaloni G, Zacchini S. Tribenzylamine C-H activation and intermolecular hydrogen transfer promoted by WCl₆. Inorg Chem. 2014 Apr 7;53(7):3832-8. doi: 10.1021/ic5001683. Epub 2014 Mar 13. PubMed PMID: 24624963.

Lang X, Ma W, Zhao Y, Chen C, Ji H, Zhao J. Visible-light-induced selective photocatalytic aerobic oxidation of amines into imines on TiO₂. Chemistry. 2012 Feb 27;18(9):2624-31. doi: 10.1002/chem.201102779. Epub 2012 Jan 23. PubMed PMID: 22271403.

Khan NS, Perez-Aguilar JM, Kaufmann T, Hill PA, Taratula O, Lee OS, Carroll PJ, Saven JG, Dmochowski IJ. Multiple hindered rotators in a gyroscope-inspired tribenzylamine hemicryptophane. J Org Chem. 2011 Mar 4;76(5):1418-24. doi: 10.1021/jo102480s. Epub 2011 Jan 27. PubMed PMID: 21271707; PubMed Central PMCID: PMC3045655.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481