

2,4,6-Triphenylaniline

Chemical Properties

CAS No. :	6864-20-6
Formula:	C ₂₄ H ₁₉ N
Molecular Weight:	321.414
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	2,4,6-Triphenylaniline (5'-Phenyl-[1,1':3',1''-terphenyl]-2'-amine) is a marine derived natural products found in <i>Alternaria longipes</i> .
Targets(IC50)	Others,Amylase,glycosidase

Solubility Information

Solubility	DMSO: 10.00 mg/mL (31.11 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1113 mL	15.5565 mL	31.1129 mL
5 mM	0.6223 mL	3.1113 mL	6.2226 mL
10 mM	0.3111 mL	1.5556 mL	3.1113 mL
50 mM	0.0622 mL	0.3111 mL	0.6223 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

Ranganathan N, Mahalingam G. Secondary metabolite as therapeutic agent from endophytic fungi *Alternaria longipes* strain VITN14G of mangrove plant *Avicennia officinalis*. *J Cell Biochem*. 2019 Mar;120(3):4021-4031. doi: 10.1002/jcb.27686. Epub 2018 Oct 15. PMID: 30321457.

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