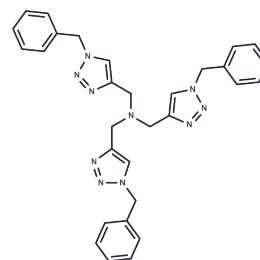


Tris(benzyltriazolylmethyl)amine

Chemical Properties

CAS No. : 510758-28-8
Formula: C30H30N10
Molecular Weight: 530.63
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Tris(benzyltriazolylmethyl)amine (TBTA) is a tertiary amine with three 1, 2, 3-triazole groups. It complexes with, and stabilizes, copper(I) to accelerate azide-alkyne cycloadditions, as used in click chemistry.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (103.65 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8846 mL	9.4228 mL	18.8455 mL
5 mM	0.3769 mL	1.8846 mL	3.7691 mL
10 mM	0.1885 mL	0.9423 mL	1.8846 mL
50 mM	0.0377 mL	0.1885 mL	0.3769 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.

Reference

Cheng J, Liu Y, Yan J, et al. Fumarate suppresses B-cell activation and function through direct inactivation of LYN. Nature Chemical Biology. 2022: 1-9

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