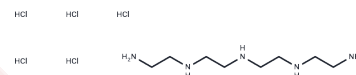


Tetraethylenepentamine Pentahydrochloride

Chemical Properties

CAS No. : 4961-41-5
 Formula: $C_8H_{23}N_5 \cdot 5HCl$
 Molecular Weight: 371.61
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Tetraethylenepentamine Pentahydrochloride is a high affinity copper and zinc chelator.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 3.72 mg/ml (10 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	2.691 mL	13.455 mL	26.9099 mL
5 mM	0.5382 mL	2.691 mL	5.382 mL
10 mM	0.2691 mL	1.3455 mL	2.691 mL
50 mM	0.0538 mL	0.2691 mL	0.5382 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

Wilfong WC, et al. ACS Appl Mater Interfaces. 2014 Aug 27;6(16):13617-26.

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