Data Sheet (Cat.No.T34807)



Terephthalamidine

Chemical Properties

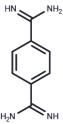
CAS No.: 15411-54-8

Formula: C8H10N4

Molecular Weight: 162.19

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Terephthalamidine is a derivative of the phthalanilide compounds. Terephthalamidine
	belongs to a family of compounds which appear to reversibly bind to the minor groove
	of the DNA double helix but not intercalate DNA. This agent also has been suggested to
	form ionic complexes with many biological components in vitro, including nucleic acids,
	proteins and lipids

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1656 mL	30.828 mL	61.6561 mL
5 mM	1.2331 mL	6.1656 mL	12.3312 mL
10 mM	0.6166 mL	3.0828 mL	6.1656 mL
50 mM	0.1233 mL	0.6166 mL	1.2331 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

Shu Y, Lei H, Tan YN, Meng M, Zhang XC, Liu CY. Tuning the electronic coupling in Mo2-Mo2 systems by variation of the coordinating atoms of the bridging ligands. Dalton Trans. 2014 Oct 21;43(39):14756-65. doi: 10.1039

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