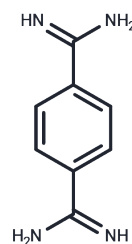


## Terephthalamidine

## Chemical Properties

CAS No. :	15411-54-8
Formula:	C <sub>8</sub> H <sub>10</sub> N <sub>4</sub>
Molecular Weight:	162.19
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	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.
Targets(IC50)	Others

## 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.

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.

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