

Dodecyltrimethylammonium-d9 bromide

Chemical Properties

CAS No. :	95217-13-3
Formula:	C15H34BrN
Molecular Weight:	317.4
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Dodecyltrimethylammonium-d9 bromide is the deuterium-labeled form of dodecyltrimethylammonium bromide. Dodecyltrimethylammonium bromide (DTAB) acts as a surfactant. It has the ability to interact with DNA, altering the mechanical properties and specific binding parameters during DNA binding.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1506 mL	15.753 mL	31.506 mL
5 mM	0.6301 mL	3.1506 mL	6.3012 mL
10 mM	0.3151 mL	1.5753 mL	3.1506 mL
50 mM	0.063 mL	0.3151 mL	0.6301 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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