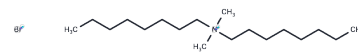


## Dimethyldioctylammonium bromide

## Chemical Properties

CAS No. :	3026-69-5
Formula:	C <sub>18</sub> H <sub>40</sub> BrN
Molecular Weight:	350.42
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	Dimethyldioctylammonium bromide is an organic compound containing ammonium and bromide ions. It is commonly utilized in the manufacturing of detergents, emulsifiers, and surfactants for various industrial applications. With strong surface activity, it effectively reduces the surface tension of aqueous solutions, making it suitable for cleaning and wetting surfaces. Furthermore, it serves as an intermediate in the synthesis of other quaternary ammonium compounds.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8537 mL	14.2686 mL	28.5372 mL
5 mM	0.5707 mL	2.8537 mL	5.7074 mL
10 mM	0.2854 mL	1.4269 mL	2.8537 mL
50 mM	0.0571 mL	0.2854 mL	0.5707 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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