

## Dimethyldimyristylammonium bromide

## Chemical Properties

CAS No. : 68105-02-2

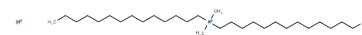
Formula: C<sub>30</sub>H<sub>64</sub>BrN

Molecular Weight: 518.74

Keep away from moisture

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

Dimethyldimyristylammonium bromide is a quaternary ammonium salt compound commonly utilized as a surfactant or emulsifier in various industrial applications, including the production of detergents, fabric softeners, and hair conditioners. Additionally, it serves as an intermediate in the synthesis of various organic compounds. Its unique chemical properties make it a crucial component in numerous industrial processes, especially in the manufacture of personal care products and pharmaceuticals.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9277 mL	9.6387 mL	19.2775 mL
5 mM	0.3855 mL	1.9277 mL	3.8555 mL
10 mM	0.1928 mL	0.9639 mL	1.9277 mL
50 mM	0.0386 mL	0.1928 mL	0.3855 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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