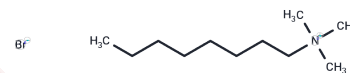


Trimethyloctylammonium bromide

Chemical Properties

CAS No. :	2083-68-3
Formula:	C ₁₁ H ₂₆ BrN
Molecular Weight:	252.23
Storage:	Keep away from moisture 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	Trimethyloctylammonium bromide (TOAB) acts as a surfactant and phase-transfer catalyst in various chemical reactions. It is employed in the synthesis of nanomaterials for its ability to selectively transfer ions across interfaces, and serves as a surfactant in emulsion and foam production. Its amphiphilic nature is valued for interacting with water and oil, stabilizing, and dispersing mixtures.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9646 mL	19.8232 mL	39.6464 mL
5 mM	0.7929 mL	3.9646 mL	7.9293 mL
10 mM	0.3965 mL	1.9823 mL	3.9646 mL
50 mM	0.0793 mL	0.3965 mL	0.7929 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481