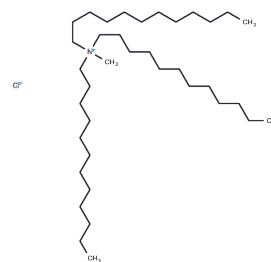


Tridodecylmethylammonium chloride

Chemical Properties

CAS No. :	7173-54-8
Formula:	C ₃₇ H ₇₈ ClN
Molecular Weight:	572.48
Storage:	Keep away from moisture, Keep away from direct sunlight 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	Tridodecylmethylammonium chloride, also known as TDMAC, is a cationic surfactant used widely in industrial and research settings. As a member of the quaternary ammonium compounds, it features a positively charged head and a hydrophobic tail, making it effective as a detergent, emulsifier, and antimicrobial agent. TDMAC is recognized for its ability to disrupt cell membranes and is frequently employed in microbiology for the selective isolation and identification of bacteria.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7468 mL	8.7339 mL	17.4679 mL
5 mM	0.3494 mL	1.7468 mL	3.4936 mL
10 mM	0.1747 mL	0.8734 mL	1.7468 mL
50 mM	0.0349 mL	0.1747 mL	0.3494 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481