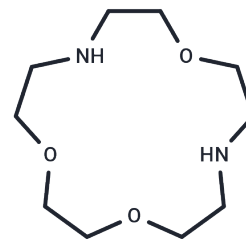


## Diaza-15-crown-5

## Chemical Properties

CAS No. :	31249-95-3
Formula:	C <sub>10</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	218.293
Storage:	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	Diaza-15-crown-5, a crown ether compound, can extend the lifespan of the M intermediate in BR membranes. By altering the surface charge of the BR membrane, Diaza-15-crown-5 affects the interactions between BR molecules and enhances the overall stability of the membrane, allowing the M state to be sustained longer.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5811 mL	22.9053 mL	45.8106 mL
5 mM	0.9162 mL	4.5811 mL	9.1621 mL
10 mM	0.4581 mL	2.2905 mL	4.5811 mL
50 mM	0.0916 mL	0.4581 mL	0.9162 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