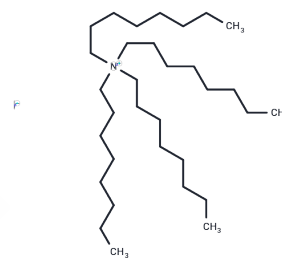


## Tetraoctylammonium iodide

## Chemical Properties

CAS No. :	16829-91-7
Formula:	C <sub>32</sub> H <sub>68</sub> IN
Molecular Weight:	593.79
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	Tetraoctylammonium iodide is an organic compound classified as a quaternary ammonium salt. It is commonly used as a phase-transfer catalyst, facilitating reactions between two immiscible phases, such as aqueous and organic phases. Tetraoctylammonium iodide has various applications in organic synthesis, particularly in reactions involving nucleophilic substitution, oxidation, and reduction. Additionally, it serves as a surfactant and emulsifier in both industrial and laboratory settings.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6841 mL	8.4205 mL	16.841 mL
5 mM	0.3368 mL	1.6841 mL	3.3682 mL
10 mM	0.1684 mL	0.842 mL	1.6841 mL
50 mM	0.0337 mL	0.1684 mL	0.3368 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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