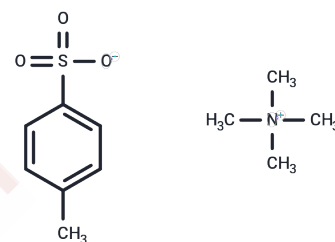


## Tetramethylammonium 4-methylbenzenesulfonate

### Chemical Properties

CAS No. : 3983-91-3  
 Formula: C11H19NO3S  
 Molecular Weight: 245.34  
 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	Tetramethylammonium p-toluenesulfonate is a quaternary ammonium compound classified as an alkylammonium salt. It is extensively utilized as a phase transfer catalyst in organic synthesis, aiding in the transfer of reactants between immiscible phases. Additionally, it serves as a surfactant, emulsifier, or stabilizer in various industrial applications. Its unique chemical properties make it a crucial component in the production of pharmaceuticals, agrochemicals, and materials science products.
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.076 mL	20.3799 mL	40.7598 mL
5 mM	0.8152 mL	4.076 mL	8.152 mL
10 mM	0.4076 mL	2.038 mL	4.076 mL
50 mM	0.0815 mL	0.4076 mL	0.8152 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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