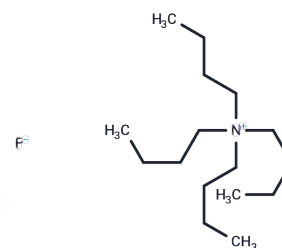


Tetrabutylammonium (fluoride)(in THF)

Chemical Properties

CAS No. :	429-41-4
Formula:	C ₁₆ H ₃₆ FN
Molecular Weight:	261.46
Storage:	-20°C for 2 years, 4°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Tetrabutylammonium fluoride is an organic compound that features both ammonium and fluoride functional groups. It is commonly employed as a reagent in various chemical synthesis applications, particularly as a fluoride ion source for nucleophilic reactions. Tetrabutylammonium fluoride possesses characteristics that make it suitable for these uses, such as high solubility in polar solvents and the ability to selectively activate specific chemical bonds. Additionally, it can function as a catalyst in organic reactions and as an electrolyte in batteries.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8247 mL	19.1234 mL	38.2468 mL
5 mM	0.7649 mL	3.8247 mL	7.6494 mL
10 mM	0.3825 mL	1.9123 mL	3.8247 mL
50 mM	0.0765 mL	0.3825 mL	0.7649 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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