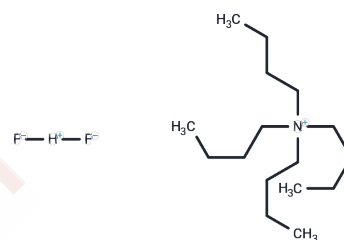


## Tetrabutylammonium (hydrogen difluoride)

### Chemical Properties

CAS No. :	23868-34-0
Formula:	C <sub>16</sub> H <sub>37</sub> F <sub>2</sub> N
Molecular Weight:	281.47
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	Tetrabutylammonium (hydrogen difluoride) is a quaternary ammonium salt containing fluoride ions. It serves as a highly active and efficient reagent frequently employed in organic synthesis, especially for incorporating fluorine into organic molecules. Additionally, it acts as a catalyst in various chemical reactions, such as esterification and transesterification. It is also utilized in the production of specialty chemicals, including surfactants and detergents.
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5528 mL	17.7639 mL	35.5278 mL
5 mM	0.7106 mL	3.5528 mL	7.1056 mL
10 mM	0.3553 mL	1.7764 mL	3.5528 mL
50 mM	0.0711 mL	0.3553 mL	0.7106 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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