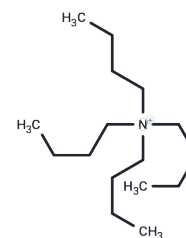
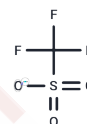


Tetrabutylammonium trifluoromethanesulfonate

Chemical Properties

CAS No. :	35895-70-6
Formula:	C17H36F3NO3S
Molecular Weight:	391.53
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 trifluoromethanesulfonate, commonly known as TBAOTf, is frequently utilized in organic synthesis as a strong acid catalyst and phase transfer agent. It is particularly effective in reactions involving nucleophilic substitution, elimination, and rearrangement. Additionally, it serves as an electrolyte additive in rechargeable batteries and a stabilizer for supercritical fluids. Owing to its high stability, solubility, and selectivity, TBAOTf is regarded as an efficient and versatile reagent for diverse applications.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5541 mL	12.7704 mL	25.5408 mL
5 mM	0.5108 mL	2.5541 mL	5.1082 mL
10 mM	0.2554 mL	1.277 mL	2.5541 mL
50 mM	0.0511 mL	0.2554 mL	0.5108 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481