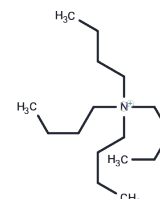
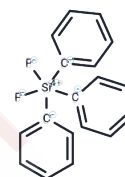


Tetrabutylammonium difluorotriphenylsilicate(IV)

Chemical Properties

CAS No. :	163931-61-1
Formula:	C ₃₄ H ₅₁ F ₂ NSi
Molecular Weight:	539.86
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Tetrabutylammonium difluorotriphenylsilicate(IV) (TBAT) is an organosilicon compound used primarily as a catalyst and surfactant. It can serve a catalytic role in specific organic synthesis reactions and is also utilized as a detergent, lubricant, and stabilizer. Additionally, TBAT finds extensive application in various industrial sectors such as in the production of plastics, rubber, and textiles.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8523 mL	9.2617 mL	18.5233 mL
5 mM	0.3705 mL	1.8523 mL	3.7047 mL
10 mM	0.1852 mL	0.9262 mL	1.8523 mL
50 mM	0.037 mL	0.1852 mL	0.3705 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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