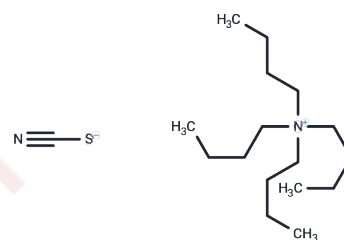


Tetrabutylammonium thiocyanate

Chemical Properties

CAS No. :	3674-54-2
Formula:	C ₁₇ H ₃₆ N ₂ S
Molecular Weight:	300.55
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	Tetrabutylammonium thiocyanate is a quaternary ammonium salt that falls under the category of alkylammonium salts. This compound is widely utilized as a reagent in organic chemistry, particularly in the synthesis of various organic compounds, including pharmaceuticals and agrochemicals. Additionally, tetrabutylammonium thiocyanate serves as an electrolyte in electrochemical devices and a phase-transfer catalyst in organic synthesis. Its unique chemical properties make it a vital component in numerous industrial processes, including petrochemical refining and materials science.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3272 mL	16.6362 mL	33.2723 mL
5 mM	0.6654 mL	3.3272 mL	6.6545 mL
10 mM	0.3327 mL	1.6636 mL	3.3272 mL
50 mM	0.0665 mL	0.3327 mL	0.6654 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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