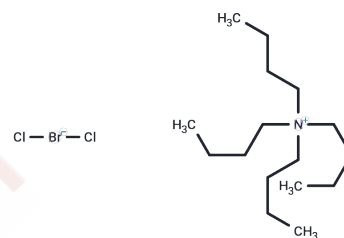


Tetrabutylammonium dichlorobromide

Chemical Properties

CAS No. : 13053-75-3
 Formula: C₁₆H₃₆BrCl₂N
 Molecular Weight: 393.27
 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 dichlorobromide is an organic compound comprising ammonium ions, chloride ions, and bromide ions. It is primarily used as a phase-transfer catalyst in organic synthesis, particularly in the production of pharmaceuticals and agrochemicals. Tetrabutylammonium dichlorobromide has strong basic properties, facilitating the transfer of reactants between immiscible solvents to enable more efficient chemical reactions. Additionally, it serves as an intermediate in synthesizing other quaternary ammonium compounds.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5428 mL	12.7139 mL	25.4278 mL
5 mM	0.5086 mL	2.5428 mL	5.0856 mL
10 mM	0.2543 mL	1.2714 mL	2.5428 mL
50 mM	0.0509 mL	0.2543 mL	0.5086 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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