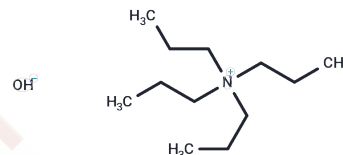


Tetrapropylammonium hydroxide (40% w-w in water)

Chemical Properties

CAS No. :	4499-86-9
Formula:	C ₁₂ H ₂₉ NO
Molecular Weight:	203.37
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	Tetrapropylammonium hydroxide (40% w/w in water) is a quaternary ammonium compound recognized as a strong base with cationic properties. It is frequently employed as a phase transfer catalyst to enhance the transfer of reactants between immiscible phases in organic synthesis. Additionally, it is utilized in semiconductor manufacturing, particularly in the production of thin-film transistors and other electronic devices.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9171 mL	24.5857 mL	49.1715 mL
5 mM	0.9834 mL	4.9171 mL	9.8343 mL
10 mM	0.4917 mL	2.4586 mL	4.9171 mL
50 mM	0.0983 mL	0.4917 mL	0.9834 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481