

## Tetrapropylammonium perruthenate

## Chemical Properties

CAS No. :	114615-82-6
Formula:	C <sub>12</sub> H <sub>28</sub> NO <sub>4</sub> Ru
Molecular Weight:	351.43
Storage:	Keep away from direct sunlight, Store under nitrogen 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	Tetrapropylammonium perruthenate (TPAP) is an organic compound frequently utilized as a catalyst and oxidizing agent. It serves as an oxidant in various organic synthesis reactions, catalyzing the oxidation of olefins and aromatic compounds. Furthermore, this compound is extensively used in industrial sectors, such as the production of plastics, rubber, and textiles.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8455 mL	14.2276 mL	28.4552 mL
5 mM	0.5691 mL	2.8455 mL	5.691 mL
10 mM	0.2846 mL	1.4228 mL	2.8455 mL
50 mM	0.0569 mL	0.2846 mL	0.5691 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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