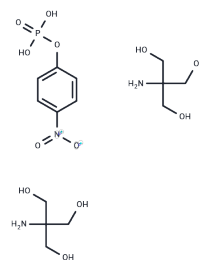


4-Nitrophenyl phosphate ditromethamine

Chemical Properties

CAS No. :	68189-42-4
Formula:	C ₁₄ H ₂₈ N ₃ O ₁₂ P
Molecular Weight:	461.36
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	4-Nitrophenyl phosphate ditromethamine is an enzyme substrate frequently employed in biochemical assays to evaluate the activity of various phosphatases, including alkaline phosphatase. Its unique chemical properties allow phosphatases to hydrolyze it, resulting in a yellow product detectable via spectrophotometry.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1675 mL	10.8375 mL	21.675 mL
5 mM	0.4335 mL	2.1675 mL	4.335 mL
10 mM	0.2168 mL	1.0838 mL	2.1675 mL
50 mM	0.0434 mL	0.2168 mL	0.4335 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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