

4-Phosphonooxy-tempo

Chemical Properties

CAS No. :	22690-04-6
Formula:	C ₄ H ₂ NO ₄ P
Molecular Weight:	172.25
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	4-Phosphonooxy-tempo is an anionic nitroxide free radical spin probe. It can be transported across the cell membrane via Band 3 proteins and subsequently reacts with reductants in the cytosol. Additionally, 4-Phosphonooxy-tempo can serve as a probe for the functionality of anionic channels in biomembranes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8055 mL	29.0276 mL	58.0552 mL
5 mM	1.1611 mL	5.8055 mL	11.611 mL
10 mM	0.5806 mL	2.9028 mL	5.8055 mL
50 mM	0.1161 mL	0.5806 mL	1.1611 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481