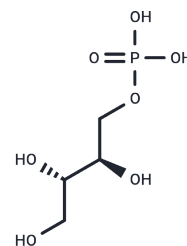


D-Erythritol 4-phosphate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 7183-41-7 |
| Formula: | C ₄ H ₁₁ O ₇ P |
| Molecular Weight: | 202.10 |
| 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 | D-erythritol 4-phosphate is a phosphorylated component isolated from the hydrolysate. |
| Targets(IC50) | Others |
| In vitro | D-erythritol 4-phosphate is a phosphorylated compound isolated from the hydrolysate. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.948 mL | 24.7402 mL | 49.4805 mL |
| 5 mM | 0.9896 mL | 4.948 mL | 9.8961 mL |
| 10 mM | 0.4948 mL | 2.474 mL | 4.948 mL |
| 50 mM | 0.099 mL | 0.4948 mL | 0.9896 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.

Reference

Distribution and structural form of phosphate ester groups in commercial starch phosphates

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