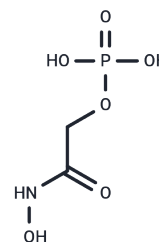


Phosphoglycolohydroxamic acid

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 51528-59-7 |
| Formula: | C ₂ H ₆ NO ₆ P |
| Molecular Weight: | 171.05 |
| 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 | Phosphoglycolohydroxamic acid, acting as a potent inhibitor of both aldolase and triose-phosphate isomerase, serves a crucial role in the research of antibacterial and antifungal domains. |
| Targets(IC50) | Others,Antibacterial,Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 5.8462 mL | 29.2312 mL | 58.4624 mL |
| 5 mM | 1.1692 mL | 5.8462 mL | 11.6925 mL |
| 10 mM | 0.5846 mL | 2.9231 mL | 5.8462 mL |
| 50 mM | 0.1169 mL | 0.5846 mL | 1.1692 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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