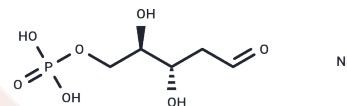


2-Deoxyribose 5-phosphate disodium

Chemical Properties

CAS No. : 102916-66-5
 Formula: C₅H₉Na₂O₇P
 Molecular Weight: 258.07
 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	2-Deoxyribose 5-phosphate disodium acts as a substrate for the enzyme 2-deoxyribose-5-phosphate aldolase (DERA), which is categorized under class I aldolases. DERA efficiently facilitates the reversible aldol condensation reaction independently, without the need for any cofactors [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8749 mL	19.3746 mL	38.7492 mL
5 mM	0.775 mL	3.8749 mL	7.7498 mL
10 mM	0.3875 mL	1.9375 mL	3.8749 mL
50 mM	0.0775 mL	0.3875 mL	0.775 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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