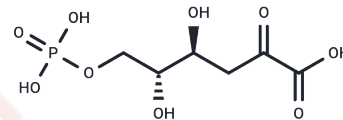


2-Keto-3-deoxy-6-phosphogluconate

Chemical Properties

CAS No. : 27244-54-8
 Formula: C₆H₁₁O₉P
 Molecular Weight: 258.12
 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-Keto-3-deoxy-6-phosphogluconate is an endogenous metabolite found in E. coli and serves as a crucial intermediate in both the Entner-Doudoroff (ED) pathway and the breakdown pathways of gluconates and sugar polymers in human and plant pathogens, produced by the catalytic action of KDPG aldolase.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8742 mL	19.3708 mL	38.7417 mL
5 mM	0.7748 mL	3.8742 mL	7.7483 mL
10 mM	0.3874 mL	1.9371 mL	3.8742 mL
50 mM	0.0775 mL	0.3874 mL	0.7748 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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