



2-Deoxy-D-glucose 6-phosphate disodium

Chemical Propert	ies	
CAS No. :	33068-19-8	
Formula:	C6H11Na2O8P	
Molecular Weight:	288.1	
Appearance: 🦲	no data available	
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	

Biological Description	
Description	2-Deoxy-D-glucose 6-phosphate disodium, a derivative of glucose analog 2-Deoxy-D- glucose, is synthesized in mammalian cells through hexokinase activity on 2-DG. It functions as a competitive inhibitor of glucose metabolism, specifically obstructing glycolysis by targeting hexokinase.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.471 mL	17.3551 mL	34.7102 mL
5 mM 📀	0.6942 mL	3.471 mL🕙	6.942 mL
10 mM	0.3471 mL	1.7355 mL	3.471 mL
50 mM	0.0694 mL	0.3471 mL	0.6942 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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