

D-Mannose-6-Phosphate sodium salt hydrate

Chemical Properties

CAS No. :

Formula: C₆H₁₁Na₂O₉P.xH₂O

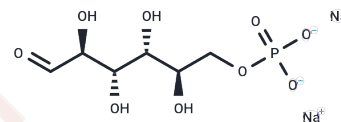
Molecular Weight:

Keep away from moisture

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-Mannose-6-Phosphate sodium salt hydrate is a multifunctional monosaccharide used in the study of metabolism, lysosomal delivery and cancer.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 60 mg/mL, Sonication is recommended. PBS (pH 7.2): 10 mg/mL, Sonication is recommended. DMSO: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Senjor E, et al. Different glycosylation profiles of cystatin F alter the cytotoxic potential of natural killer cells. Cell Mol Life Sci. 2023 Dec 13;81(1):8.

Saburi W, et al. Enzymatic characteristics of D-mannose 2-epimerase, a new member of the acylglucosamine 2-epimerase superfamily. Appl Microbiol Biotechnol. 2019 Aug;103(16):6559-6570.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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