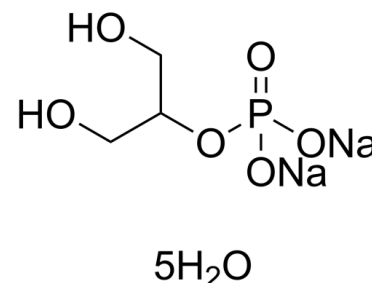


Data Sheet

Product Name:	β-Glycerophosphate (disodium salt pentahydrate)
Cat. No.:	CS-7900
CAS No.:	13408-09-8
Molecular Formula:	C ₃ H ₁₇ Na ₂ O ₁₁ P
Molecular Weight:	306.11
Target:	Endogenous Metabolite; Phosphatase
Pathway:	Metabolic Enzyme/Protease
Solubility:	H ₂ O : 83.33 mg/mL (272.22 mM; Need ultrasonic); DMSO : < 1 mg/mL (insoluble or slightly soluble)



BIOLOGICAL ACTIVITY:

β-Glycerophosphate disodium salt pentahydrate is a **phosphatase** inhibitor^[1]. IC₅₀ & Target:Phosphatase^[1]

References:

[1]. Belfield A, et al. Inhibition of the nucleotidase effect of alkaline phosphatase by beta-glycerophosphate. Nature. 1968 Jul 6;219(5149):73-5.

CAIndexNames:

1,2,3-Propanetriol, 2-(dihydrogen phosphate), sodium salt, hydrate (1:2:5)

SMILES:

OCC(OP(O[Na])(O[Na])=O)CO.[5H2O]

Caution: Product has not been fully validated for medical applications. For research use only.

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