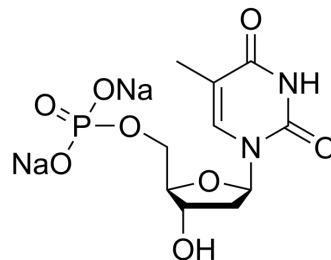


Thymidine-5'-monophosphate (disodium) salt

| | |
|---------------------------|--|
| Cat. No.: | HY-128738 |
| CAS No.: | 33430-62-5 |
| Molecular Formula: | C ₁₀ H ₁₃ N ₂ Na ₂ O ₈ P |
| Molecular Weight: | 366.17 |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | 4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |



SOLVENT & SOLUBILITY

| | | | | | |
|---|---|--------------------------|--------------|------------|------------|
| In Vitro | H ₂ O : 100 mg/mL (273.10 mM; Need ultrasonic) | | | | |
| | DMSO : < 1 mg/mL (ultrasonic;warming;heat to 80°C) (insoluble or slightly soluble) | | | | |
| | | Solvent Concentration | Mass 1 mg | 5 mg | 10 mg |
| | Preparing Stock Solutions | 1 mM | 2.7310 mL | 13.6549 mL | 27.3097 mL |
| | 5 mM | 0.5462 mL | 2.7310 mL | 5.4619 mL | |
| | 10 mM | 0.2731 mL | 1.3655 mL | 2.7310 mL | |
| Please refer to the solubility information to select the appropriate solvent. | | | | | |
| In Vivo | 1. Add each solvent one by one: PBS Solubility: 100 mg/mL (273.10 mM); Clear solution; Need ultrasonic | | | | |

BIOLOGICAL ACTIVITY

| | | |
|-------------------------------------|---|----------------------|
| Description | Thymidine-5'-monophosphate disodium salt is an endogenous metabolite. | |
| IC₅₀ & Target | Human Endogenous Metabolite | Microbial Metabolite |

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA