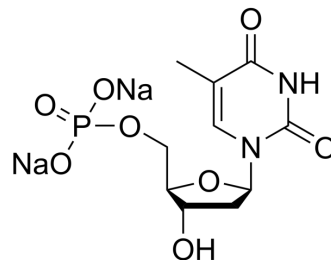


## Thymidine-5'-monophosphate disodium salt

Cat. No.:	HY-128738
CAS No.:	33430-62-5
Molecular Formula:	C <sub>10</sub> H <sub>13</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub> 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 <sub>2</sub> O : 125 mg/mL (341.37 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.	
IC <sub>50</sub> & Target	Human Endogenous Metabolite	Microbial Metabolite

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

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