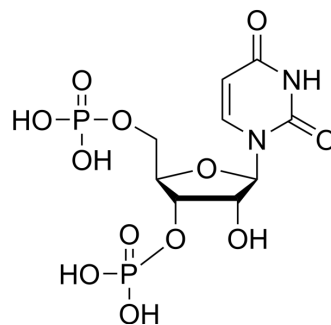


Uridine 3',5'-diphosphate

Cat. No.:	HY-154828	
CAS No.:	2922-95-4	
Molecular Formula:	C ₉ H ₁₄ N ₂ O ₁₂ P ₂	
Molecular Weight:	404.16	
Target:	DNA/RNA Synthesis	
Pathway:	Cell Cycle/DNA Damage	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (309.28 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4743 mL	12.3713 mL	24.7427 mL
5 mM	0.4949 mL	2.4743 mL	4.9485 mL
10 mM	0.2474 mL	1.2371 mL	2.4743 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Uridine 3',5'-diphosphate (3',5'-UDP; Compound pUp) is a competitive RNase inhibitor^[1].

REFERENCES

[1]. Sperling J, et al. Photochemical cross-linking of neighboring residues in protein-nucleic acid complexes: rnase and pyrimidine nucleotide inhibitors. *Biochemistry*. 1976 Apr 6;15(7):1489-95.

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