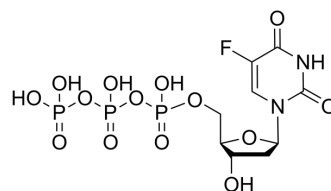


5-Fluoro-2'-deoxy-UTP

Cat. No.:	HY-155878
CAS No.:	2710-64-7
Molecular Formula:	C ₉ H ₁₄ FN ₂ O ₁₄ P ₃
Molecular Weight:	486.13
Target:	Biochemical Assay Reagents; DNA/RNA Synthesis
Pathway:	Others; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

H₂O : 250 mg/mL (514.27 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			Preparing Stock Solutions	1 mM	5 mM
1 mM			2.0571 mL	10.2853 mL	20.5706 mL
5 mM			0.4114 mL	2.0571 mL	4.1141 mL
10 mM			0.2057 mL	1.0285 mL	2.0571 mL

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

BIOLOGICAL ACTIVITY

Description

5-Fluoro-2'-deoxy-UTP can be used as a substrate for DNA synthesis^[1].

REFERENCES

[1]. Anilkumar R. Kore, et al. Efficient synthesis of terminal 4-methylumbelliferyl labeled 5-fluoro-2'-deoxyuridine-5'-O-tetraphosphate (Um-PPPP-FdU): a potential probe for homogenous fluorescent assay. Tetrahedron Letters. Volume 55, Issue 34, 20 August 2014, Pages 4822-4825.

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

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