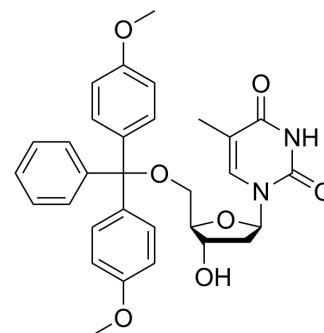


5'-O-DMT-dT

Cat. No.:	HY-20140
CAS No.:	40615-39-2
Molecular Formula:	C ₃₁ H ₃₂ N ₂ O ₇
Molecular Weight:	544.59
Target:	DNA/RNA Synthesis; Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
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

DMSO : 100 mg/mL (183.62 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8362 mL	9.1812 mL	18.3624 mL
5 mM	0.3672 mL	1.8362 mL	3.6725 mL
10 mM	0.1836 mL	0.9181 mL	1.8362 mL

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

BIOLOGICAL ACTIVITY

Description

5'-O-DMT-dT (5'-O-(4,4'-Dimethoxytrityl)thymidine) is a nucleoside derivative which can be used in the preparation of oligonucleotides^[1].

REFERENCES

[1]. Lars Holmberg. Method and means for oligonucleotide synthesis. WO1992009615A1.

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

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