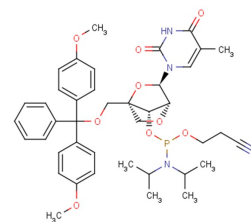


DMTr-LNA-5MeU-3-CED-phosphoramidite

Chemical Properties

CAS No.:	206055-75-6
Formula:	C ₄₁ H ₄₉ N ₄ O ₉ P
Molecular Weight:	772.82
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	DMTr-LNA-5MeU-3-CED-phosphoramidite is a nucleoside derivative.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 250 mg/mL (323.49 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.294 mL	6.47 mL	12.94 mL
5 mM	0.259 mL	1.294 mL	2.588 mL
10 mM	0.129 mL	0.647 mL	1.294 mL
50 mM	0.026 mL	0.129 mL	0.259 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Kumar P, et al. Locked nucleic acid (LNA) enhances binding affinity of triazole-linked DNA towards RNA. Chem Commun (Camb). 2017 Aug 3;53(63):8910-8913.

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481