

HelixChem™ dCTP, 100mM

Kit Contents

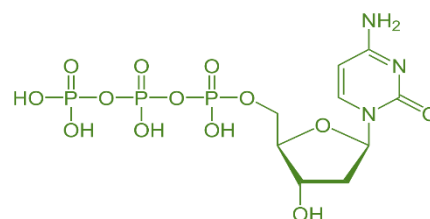
HelixChem™ dCTP, 100mM	
Cat. No.	DC100
dCTP, 100mM	1ml
Instruction for Use	1ea

Description

dCTP, PCR-grade is supplied as ultrapure aqueous solution (pH 8.5) and suitable for all molecular biology applications including PCR/qPCR, reverse transcription, DNA labeling and DNA sequencing.

Feature

- **Structure**



- **Molecular Formula**

C₉H₁₆N₃O₁₃P₃ (free acid)

- **Molecular Weight**

467.15 g/mol (free acid)

- **CAS No.**

102783-51-7

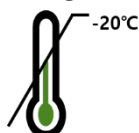
- **pH**

8.5±0.2 (22°C)

- **Spectroscopic Properties**

λ_{\max} 271 nm, ϵ 8.9 L mmol⁻¹ cm⁻¹ (Tris-HCl pH7.0)

Storage



Store below -20°C

Shelf life



24 months

NanoHelix Co., Ltd.

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Quality Control

In accordance with NanoHelix's ISO 13485-certified Quality Management System, each lot of **HelixChem™ dCTP, 100mM** was tested against predetermined specifications to ensure consistent product quality.

Products

Cat. No.	Products	Size
DA100	HelixChem™ dATP, 100mM	1ml
DG100	HelixChem™ dGTP, 100mM	1ml
DC100	HelixChem™ dCTP, 100mM	1ml
DT100	HelixChem™ dTTP, 100mM	1ml
DU100	HelixChem™ dUTP, 100mM	1ml
DN10	HelixChem™ dNTP Mix (each 10mM)	1ml
DNS100	HelixChem™ dNTP Set, 100mM	4ml
DNUS100	HelixChem™ dNTP(U) Set, 100mM	4ml

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