



**SMOBio**<sup>®</sup>

Small Bio, Smart Tool

[www.smobio.com](http://www.smobio.com)

## Product Information

SMOChem™ Series

### dCTP Solution - Sodium Salt

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<b>CD5000</b>	100 mM	25 ml
<b>CD5001</b>	100 mM	100 ml
<b>CD5002</b>	100 mM	5 ml
<b>CD5003</b>	100 mM	1 ml

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### Storage

-20°C for 24 months

### Features

- Ideal for PCR amplification and cDNA synthesis
- Nuclease and ribonuclease free

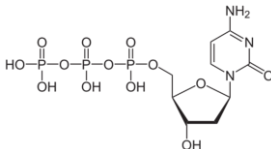
### Applications

- PCR
- RT-PCR

## Description

Ultrapure dCTP supplied as sodium salt in purified water (pH 8.5).

## Structural formula



## Quality Control

Method	Specification	Result
Purity assay (HPLC)	≥ 99%	Pass
Nuclease activity	Not detectable	Pass
Ribonuclease activity	Not detectable	Pass
Protease activity	Not detectable	Pass
Nicking activity	Not detectable	Pass
Functional assay (PCR)	Amplify 665 bp and 20 kb amplicons	Pass
Functional assay (RT-PCR)	Synthesize cDNA	Pass

The latest version of the manual can be downloaded from [www.smobio.com/shop](http://www.smobio.com/shop).

For research only

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