

# Product Data Sheet



## Biotin-14-dCTP Catalog ID: 210029

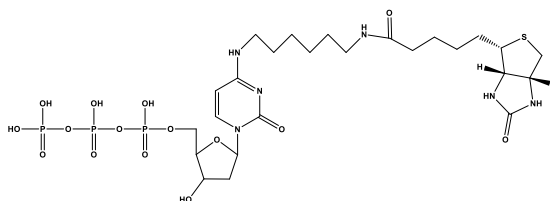
Revised: 2025-01-31

### Description

Biotin-labeled deoxycytidine triphosphate (dCTP) is a versatile tool for labeling DNA through methods such as nick translation, random priming, polymerase chain reaction (PCR), and 3'-end labeling. Biotin-labeled products can be easily detected using streptavidin conjugates.

### Chemical Properties

CAS number	NA
Formula	C <sub>25</sub> H <sub>43</sub> N <sub>6</sub> O <sub>15</sub> P <sub>3</sub> S
Molecular Weight	792.63
Concentration	1.0 mM
Solvent	10 mM Tris-HCl, pH 7.6, 1.0 mM EDTA
HPLC Purity	≥95%



### Storage

Upon receipt, store at -20°C in the dark. Protect from light and moisture. When stored as indicated, Biotin-14-dCTP is stable for at least 1 year.

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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