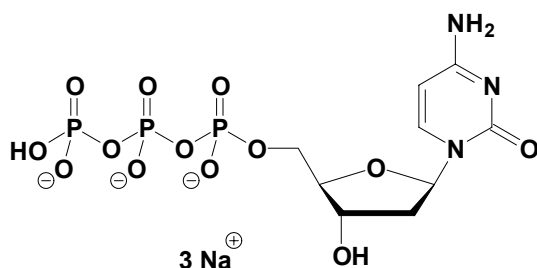


Data Sheet (08.02.2007)

dCTP

2'-Deoxy-cytidine-5'-triphosphate, Sodium salt

Structure:



Catalogue-No.:

mi-N1002

Molecular Formula:

C₉H₁₃N₃O₁₃P₃ (Anion)

Molecular Weight:

464.13 (Anion)

Purity:

> 98 %

Package sizes:

Cat.-No.	Amount	Concentration
mi-N1002S	25 µmol / 250 µl	100 mM
mi-N1002L	100 µmol / 1000 µl	100 mM

Storage conditions:

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Long term storage at ≤ -20 °C.

Under these storage conditions, a guarantee of 12 months after delivery is given.

For research use only! Only for in vitro use!

Selected references:

Sanger *et al.* (1977) DNA sequencing with chain-terminating inhibitors. *Proc. Natl. Acad. Sci. USA* **74**:5463.

Burd *et al.* (1970) Effect of incubation conditions on nucleotide sequence of DNA products of unprimed DNA polymerase reactions. *J. Mol. Biol.* **53**:435.

Newton *et al.* (1997) *PCR Spectrum Akad. Verlag* ISBN 3-8274-0190-9.

Mullis *et al.* (1987) Specific synthesis of DNA in vitro via a polymerase-catalyzed chain reaction. *Methods Enzymol.* **155**:335.