

Product components

Components	Component number	Size-1	Size-2
		100 μ L	1 mL
dCTP (100 mM)	RM20998	100 μ L	1 mL

Product Description

Deoxycytidine triphosphate (dCTP) is a nucleoside phosphate in being comprised of a deoxyribonucleoside and three phosphate units. This means that it has a deoxyribose as its sugar constituent with three phosphate units attached. Its nucleoside contains a pyrimidine base. It can be used in PCR, RT, qPCR, RT-qPCR, NGS and other molecular biology experiments. The concentration of this product is 100 mM, diluted with ultrapure water as a sodium salt at pH 7.5.

Product Name

2'-Deoxycytidine-5'-triphosphate, sodium salt solution

Molecular Formula: $C_9H_{13}N_3Na_3O_{13}P_3$

Molecular Weight: 533.10

CAS No: 109909-44-6

Properties: Colorless transparent solution

Storage

-20°C

Note:

Can be diluted using sterile distilled water, preferably Milli-Q® water, or sterile TE (10mM Tris-HCl, 1mM EDTA , pH 7.5).