

Product components

Components	Component number	Size-1	Size-2
		100 μ L	1 mL
dTTP (100 mM)	RM20996	100 μ L	1 mL

Product Description

Deoxythymidine triphosphate (dTTP) is one of the four nucleoside triphosphates that are used in the in vivo synthesis of DNA. A nucleoside triphosphate is a molecule type that contains a nucleoside with three phosphates bound to it. 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'-Deoxythymidine-5'-triphosphate, sodium salt solution

Molecular Formula: $C_{10}H_{14}N_2O_{14}P_3Na_3$

Molecular Weight: 548.11

CAS No: 27821-54-1

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).