

dTTP Solution (100 mM)

Product information

Product Name	Catalog No.	Specification
dTTP Solution (100 mM)	10120ES74	400 µL
	10120ES80	1 mL
	10120ES96	25 mL
	10120ES97	400 mL

Product description

dTTP, or 2'-Deoxythymidine-5'-triphosphate, is widely used in various routine molecular biology reactions, including PCR, real-time PCR, RT-PCR, cDNA synthesis, primer extension, DNA sequencing, and DNA labeling.

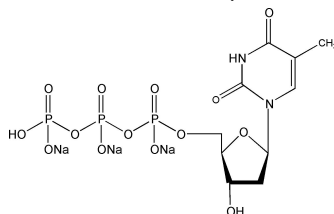
This product is provided as a sodium salt solution prepared in ultrapure water, with the pH adjusted to 7.0 using high-purity NaOH solution. The concentration is 100 mM.

The purity of this dTTP is $\geq 99\%$ (tested by HPLC), and it is free from DNase and RNase contamination. This ready-to-use product can be directly applied to PCR and other routine molecular biology reactions.

Product properties

Synonym	2'-Deoxythymidine-5'-triphosphate, sodium salt solution
CAS NO.	18423-43-3
Purity	$\geq 99\%$
Appearance	Colorless and transparent solution

Structure



Shipping and Storage

Shipped with ice packs. Store at -25°C to -15°C . Avoid repeated freeze-thaw cycles. Valid for 2 years.

Precautions

1. The product can be thawed at room temperature. After thawing, it should be kept on ice or in an ice bath. Store at -20°C immediately after use.
2. For your safety and health, please wear a lab coat and disposable gloves when handling this product.
3. This product is for research use only!