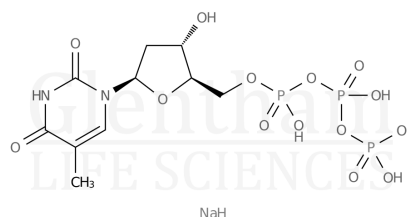


## Product Specification

Product Name	2"-Deoxythymidine 5"-triphosphate trisodium salt (dTTP); 100mM solution
Glentham Code	GE2816
CAS Number	18423-43-3
MDL Number	MFCD00080338
Additional CAS	3624-46-2
Molecular Weight	548.11
Molecular Formula	$C_{10}H_{14}N_2Na_3O_{14}P_3$
Storage Temp.	-20°C



Property	Specification
Physical Description	Clear, colourless liquid
Concentration	95 - 105 mmol/L (spectrophotometry)
Purity (HPLC)	≥ 99.0% (triphosphate content)
pH	6.9 - 7.1 (20 - 25 °C)
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	265 - 269 nm
DNase	Not detected
RNase	Not detected
Suitability for PCR	To pass test

Specification Version	-	v1.0
Date Created	-	2020-05-13

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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