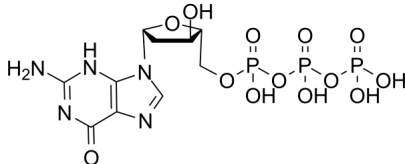


Certificate of Analysis

Catalog Number	BP13174
Product Name	dGTP

Physical and Chemical Properties

Synonyms	2'-Deoxyguanosine-5'-triphosphate
CAS No.	2564-35-4
Chemical Formula	C ₁₀ H ₁₆ N ₅ O ₁₃ P ₃
Molecular Weight	507.18
Solubility	
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	dGTP is one of the guanosine nucleotides which is highly susceptible to oxidative damage to 8-O-GDP, 8-O-dGTP, 8-O-GTP, and 8-O-dGTP.
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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