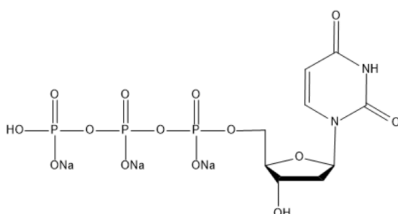


Certificate of Analysis

Catalog Number	BP13191
Product Name	dUTP trisodium

Physical and Chemical Properties

Synonyms	2'-Deoxyuridine-5'-triphosphate trisodium salt, 2'-Deoxyuridine-5'-triphosphate trisodium salt, Deoxyuridine triphosphate
CAS No.	102814-08-4
Chemical Formula	C ₉ H ₁₅ N ₂ Na ₃ O ₁₄ P ₃
Molecular Weight	537.11
Solubility	H ₂ O: 120 mg/mL (224.68 mM), Need ultrasonic DMSO: < 1 mg/mL (insoluble or slightly soluble), ultrasonic warming
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	dUTP trisodium is a deoxyuridine phosphate having a triphosphate group at the 5'-position and can be used for PCR.
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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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