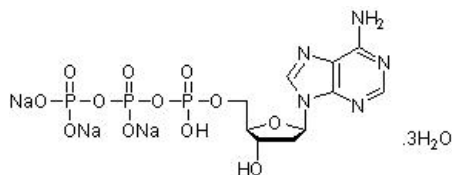


Product datasheet

2'-Deoxyadenosine 5'-triphosphate [dATP] trisodium salt trihydrate, nucleoside triphosphate ab146537

Overview

Product name	2'-Deoxyadenosine 5'-triphosphate [dATP] trisodium salt trihydrate, nucleoside triphosphate
Description	Nucleoside triphosphate.
Biological description	Nucleoside triphosphate. Substrate for a variety of polymerases including DNA polymerase(s) and reverse transcriptase(s). Used in DNA synthesis reactions such as PCR, DNA sequencing and molecular cloning techniques.
Purity	> 98%
CAS Number	1927-31-7
Chemical structure	



Properties

Molecular weight	611.13
Molecular formula	C ₁₀ H ₁₃ N ₅ Na ₃ O ₁₂ P ₃ ·3H ₂ O
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 75 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
Source	Synthetic

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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