

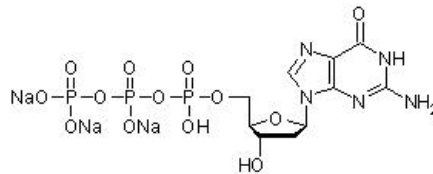
Product datasheet

2'-Deoxyguanosine 5'-triphosphate [dGTP] trisodium salt (aqueous), purine nucleoside triphosphate
 ab146559

Overview

Product name	2'-Deoxyguanosine 5'-triphosphate [dGTP] trisodium salt (aqueous), purine nucleoside triphosphate
Description	Purine nucleoside triphosphate.
Biological description	Purine nucleoside triphosphate used in many molecular biology applications such as DNA sequencing, PCR and other DNA polymerase based DNA synthesis and repair techniques. Used <i>in vivo</i> for the synthesis of DNA via DNA polymerases.
Purity	> 99%
CAS Number	2564-35-4

Chemical structure



Properties

Molecular weight	507.10
Molecular formula	C ₁₀ H ₁₃ N ₅ Na ₃ O ₁₃ P ₃
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Supplied in water (100 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

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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Terms and conditions

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team