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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



2'-Amino-2'-deoxyadenosine-5'-O-triphosphate (sodium salt)

Item No. 38362

Formal Name: ((2R,3S,4R,5R)-4-amino-5-(6-amino-9H-purin-9-yl)-3-hydroxytetrahydrofuran-2-yl)methyl triphosphate, tetrasodium salt

Synonym: 2'-amino-2'-deoxy ATP

MF: C₁₀H₁₃N₆O₁₂P₃ • 4Na

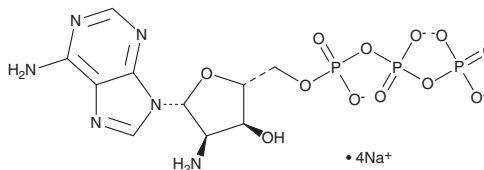
FW: 594.1

Purity: ≥95%

Supplied as: A solution in water

Storage: -80°C

Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Description

2'-Amino-2'-deoxyadenosine-5'-O-triphosphate is an amino-substituted derivative of adenosine 5'-triphosphate (ATP; Item No. 14498).¹ It has been used to determine the substrate specificity of modified DNA polymerases.

Reference

1. Schultz, H.J., Gochi, A.M., Chia, H.E., *et al.* Taq DNA polymerase mutants and 2'-modified sugar recognition. *Biochemistry* **54**(38), 5999-6008 (2015).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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