

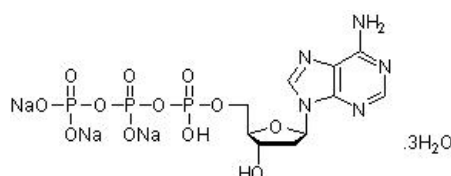
## Product datasheet

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

1 Image

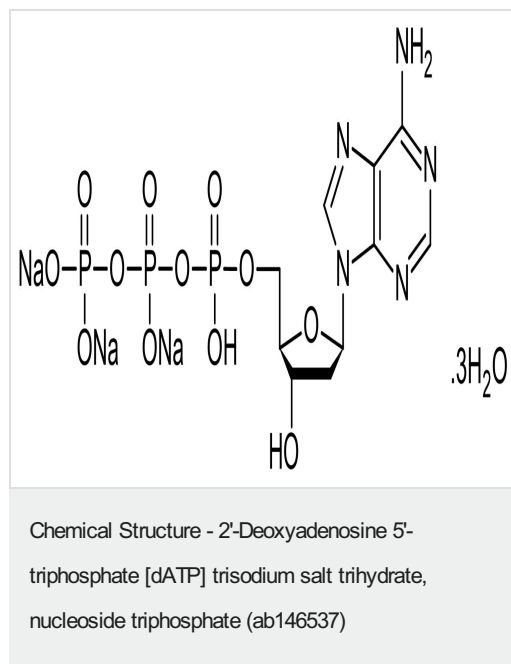
### Overview

<b>Product name</b>	2'-Deoxyadenosine 5'-triphosphate [dATP] trisodium salt trihydrate, nucleoside triphosphate
<b>Description</b>	Nucleoside triphosphate.
<b>Biological description</b>	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.
<b>Purity</b>	> 98%
<b>CAS Number</b>	1927-31-7
<b>Chemical structure</b>	



### Properties

<b>Molecular weight</b>	611.13
<b>Molecular formula</b>	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> Na <sub>3</sub> O <sub>12</sub> P <sub>3</sub> ·3H <sub>2</sub> O
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 75 mM
<b>Handling</b>	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>Source</b>	Synthetic



2D chemical structure image of ab146537, 2'-Deoxyadenosine 5'-triphosphate [dATP] trisodium salt trihydrate, nucleoside triphosphate

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

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