

## Product datasheet

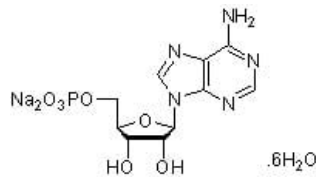
# Adenosine 5'-monophosphate (AMP) disodium hexahydrate, AMPK activator ab146538

1 Image

### Overview

<b>Product name</b>	Adenosine 5'-monophosphate (AMP) disodium hexahydrate, AMPK activator
<b>Description</b>	AMPK activator.
<b>Biological description</b>	Nucleotide involved in the reactions of cellular energy transfers. Acts as an activator of AMP-activated protein kinase (AMPK). Used as a substrate for enzymes such as AMP-thymidine kinase, AMP deaminase and 5'-nucleotidase.
<b>CAS Number</b>	4578-31-8

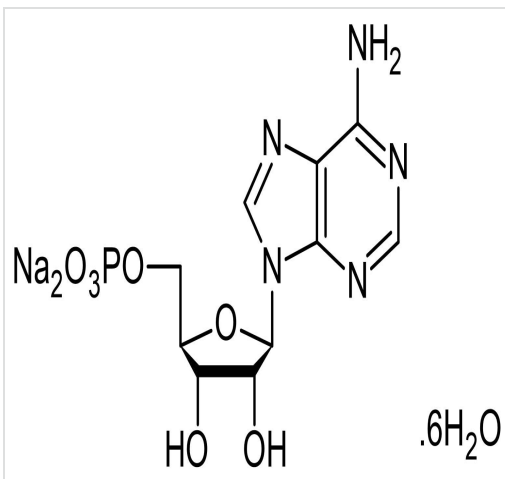
### Chemical structure



### Properties

<b>Molecular weight</b>	391.19
<b>Molecular formula</b>	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> Na <sub>2</sub> O <sub>7</sub> P
<b>Storage instructions</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water
<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

### Images



2D chemical structure image of ab146538, Adenosine 5'-monophosphate (AMP) disodium hexahydrate, AMPK activator

Chemical Structure - Adenosine 5'-monophosphate  
(AMP) disodium hexahydrate, AMPK activator  
(ab146538)

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