

[Jump to Website](#)

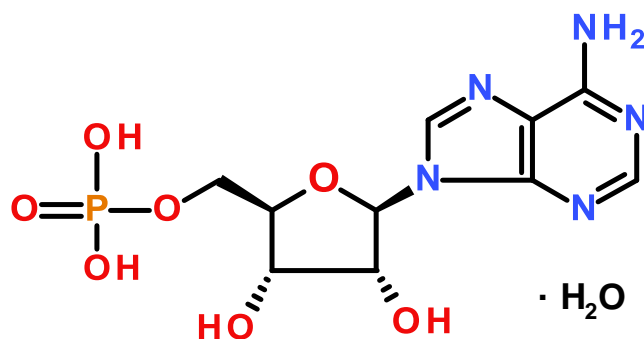
[Request Quote](#)

Product Specifications

Adenosine 5'-Monophosphate Monohydrate

CAS 18422-05-4

Structure:



Mol. Formula
Source

$C_{10}H_{14}N_5O_7P \cdot H_2O$
Synthetic

Mol. Wt.

265.24

<i>Test</i>	<i>Specification</i>
Appearance	White crystalline solid
Mp	183-188 ° C (dec.)
Solubility (50 mg/mL, 1M NH ₄ OH)	Clear, colorless
Purity (hplc)	> 97 %
Water (K.F.)	3.5-6.2%
Heavy metals	< 10 ppm
As	< 1 ppm
EmM (at pH 7.0)	14.8-15.5 (λ= 259-260 nm)

Storage: Maintain in cool, dry containment.