

2'-NH₂-ATP tetrasodium

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	2'-NH ₂ -ATP (2'-Amino-2'-deoxyadenosine-5'-triphosphate) tetrasodium, an adenosine derivative, functions as a weak competitive inhibitor of ATP with a K _i value of 2.3 mM. It is also utilized for nucleic acid labeling.
Targets(IC ₅₀)	Others
In vitro	2'-NH ₂ -ATP (2 mM) tetrasodium cannot substitute for ATP as a substrate in the NH ₃ -dependent formation of cytidine 5'-triphosphate (CTP) catalyzed by CTP synthetase.

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