

AMP-PNP lithium hydrate

Chemical Properties

CAS No. :

Formula: C₁₀H₁₇N₆O₁₂P₃.xLi.xH₂O

Molecular Weight:

Keep away from moisture

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	AMP-PNP lithium hydrate is a non-hydrolyzable ATP analog. It can substitute for ATP in biological research and is not hydrolyzed by intracellular enzymes. In a study on the vitamin B12 transporter BtuCD-F, AMP-PNP was found to block the channels formed by the two BtuCD components of the BtuCD-F complex, thereby preventing the entry of vitamin B12.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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