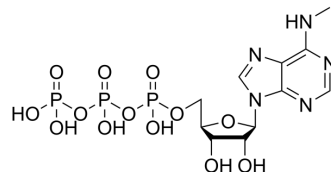


6-Me-ATP

Cat. No.:	HY-134393
CAS No.:	3130-39-0
Molecular Formula:	C ₁₁ H ₁₈ N ₅ O ₁₃ P ₃
Molecular Weight:	521.21
Target:	GSK-3
Pathway:	PI3K/Akt/mTOR; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

6-Me-ATP (N6-Methyl-ATP) is a N⁶-modified ATP derivative. 6-Me-ATP shows excellent binding affinity to GSK3, serving as the phosphate group donor for GSK3β-catalyzed phosphorylation of its substrate peptide^[1].

REFERENCES

[1]. Dong X, et al. Proteome-Wide Characterizations of N6-Methyl-Adenosine Triphosphate- and N6-Furfuryl-Adenosine Triphosphate-Binding Capabilities of Kinases. Anal Chem. 2021 Oct 5;93(39):13251-13259.

Caution: Product has not been fully validated for medical applications. For research use only.

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