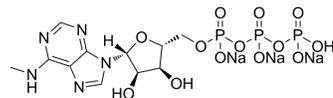


## 6-Me-ATP trisodium

Cat. No.:	HY-134393B
Molecular Formula:	C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> Na <sub>3</sub> O <sub>13</sub> P <sub>3</sub>
Molecular Weight:	587.15
Target:	GSK-3
Pathway:	PI3K/Akt/mTOR; Stem Cell/Wnt
Storage:	Solution, -20°C, 2 years



### BIOLOGICAL ACTIVITY

#### Description

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

### 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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