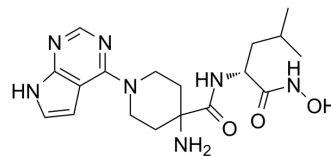


## APN/AKT-IN-1

Cat. No.:	HY-145244
CAS No.:	2854340-31-9
Molecular Formula:	C <sub>18</sub> H <sub>27</sub> N <sub>7</sub> O <sub>3</sub>
Molecular Weight:	389.45
Target:	Akt
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

APN/AKT-IN-1 is a potent and dual inhibitor of APN and AKT with IC<sub>50</sub>s of 0.21 and 0.27 μM, respectively. APN/AKT-IN-1 can effectively inhibit the phosphorylation of GSK3β, the intracellular substrate of AKT<sup>[1]</sup>.

## REFERENCES

[1]. Liu Q, et al. Design, Synthesis, and Biological Evaluation of APN and AKT Dual-Target Inhibitors. ACS Med Chem Lett. 2021;12(12):1932-1941.

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

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