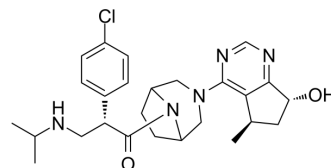


## AKT-IN-10

Cat. No.:	HY-144060
CAS No.:	2709045-56-5
Molecular Formula:	C <sub>26</sub> H <sub>34</sub> ClN <sub>5</sub> O <sub>2</sub>
Molecular Weight:	484.03
Target:	Akt
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	AKT-IN-10 is a potent inhibitor of AKT. Protein kinase B (PKB, also known as AKT) is central to PI3K/AKT/mTOR signaling in cells, and its function is important for cell growth, survival, differentiation and metabolism. AKT-IN-10 has the potential for the research of breast and prostate cancer (extracted from patent WO2021185238A1, compound 4) <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	AKT <sup>[1]</sup>

## REFERENCES

[1]. Xin Li, et al. Thickened dicyclic derivatives, their preparation methods and their application in medicine. Patent WO2021185238A1.

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

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