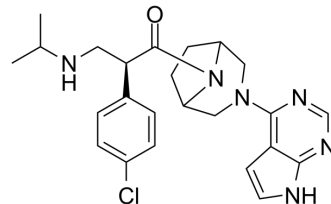


AKT-IN-9

| | |
|--------------------|---|
| Cat. No.: | HY-144059 |
| CAS No.: | 2709045-53-2 |
| Molecular Formula: | C ₂₄ H ₂₉ ClN ₆ O |
| Molecular Weight: | 452.98 |
| Target: | Akt |
| Pathway: | PI3K/Akt/mTOR |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | AKT-IN-9 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-9 has the potential for the research of breast and prostate cancer (extracted from patent WO2021185238A1, compound 1) ^[1] . |
| IC ₅₀ & Target | AKT ^[1] |

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA