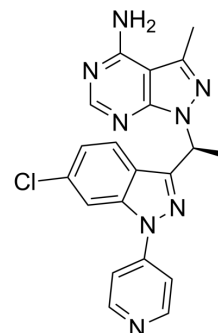


## PI3Kδ-IN-20

Cat. No.:	HY-158147
Molecular Formula:	C <sub>20</sub> H <sub>17</sub> ClN <sub>8</sub>
Molecular Weight:	404.86
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PI3Kδ-IN-20 (compound (S)-36) is a potent inhibitor of PI3Kδ, with the IC <sub>50</sub> of 6.4 nM. PI3Kδ-IN-20 has oral bioactivity. PI3Kδ-IN-20 shows significant suppression of cell proliferation and remarkable induction of apoptosis both in vitro and in vivo <sup>[1]</sup> .
IC <sub>50</sub> & Target	PI3Kδ 6.4 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Yongmei Tang, et al. Discovery of Potent and Selective PI3Kδ Inhibitors for the Treatment of Acute Myeloid Leukemia. J Med Chem. 2024 Apr 25;67(8):6638-6657.

**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