Trk-IN-9

Cat. No.: CAS No.: Molecular Formula: Molecular Weight: Target: Pathway: Storage:	HY-144321 2758623-12-8 C ₂₃ H ₂₄ ClFN ₆ O 454.93 Trk Receptor Neuronal Signaling; Protein Tyrosine Kinase/RTK Please store the product under the recommended conditions in the Certificate of Analysis.	
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BIOLOGICAL ACTIVITY	

Trk-IN-9 (Compound 12) is a potent inhibitor of TRK. Trk-IN-9 inhibits the proliferation of Km-12 cell lines. Trk-IN-9 induces Description the apoptosis of Km-12 cells in a concentration-dependent manner. Trk-IN-9 inhibits the phosphorylation of TRK to block downstream pathways. Trk-IN-9 has the potential for the research of NTRK-fusion cancers^[1].

REFERENCES

[1]. Wu T, et al. Rational drug design to explore the structure-activity relationship (SAR) of TRK inhibitors with 2,4-diaminopyrimidine scaffold. Eur J Med Chem. 2022;230:114096.

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

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Product Data Sheet

