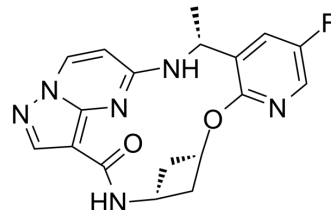


Trk-IN-7

Cat. No.:	HY-143557
CAS No.:	2383011-61-6
Molecular Formula:	C ₁₈ H ₁₇ FN ₆ O ₂
Molecular Weight:	368.36
Target:	Trk Receptor
Pathway:	Neuronal Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Trk-IN-7 (compound I-6) is a potent TRK inhibitor with IC ₅₀ s of ranging from 0.25-10 nM for TRKA, TRKB and TRKC, respectively. Trk-IN-7 shows inhibition against EML4-ALK (IC ₅₀ <15 nM) ALK G1202R, ALK C1156Y, ALK R1275Q, ALK F1174L, ALK L1197M, and ALK G1269A (IC ₅₀ =5-50 nM) ^[1] .		
IC₅₀ & Target	TrkA <25 nM (IC ₅₀)	TrkB <5 nM (IC ₅₀)	TrkC <25 nM (IC ₅₀)

REFERENCES

[1]. Diaryl macrocyclic compound as protein kinase modulator. WO2019210835A1.

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

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