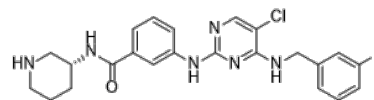


Product Name : TRK inhibitor 19k
Cat. No. : PC-22476
CAS No. : 2758623-12-8
Molecular Formula : C₂₃H₂₄ClFN₆O
Molecular Weight : 454.93
Target : Trk Receptor
Solubility : 10 mM in DMSO



Biological Activity

TRK inhibitor 19k is a potent, selective pan tropomyosin receptor kinase (pan-TRK) inhibitor with IC₅₀ of 23/25/21 nM for TRKA/B/C, respectively.

TRK inhibitor 19k inhibited the proliferation (IC₅₀=0.15 μM) and induced the apoptosis of Km-12 cells.

TRK inhibitor 19k inhibited the phosphorylation of TRK to block downstream pathways.

References

Tianxiao Wu, et al. Eur J Med Chem. 2022 Feb 15;230:114096.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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