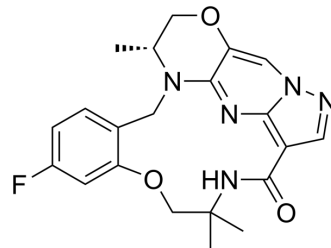


## Trk-IN-11

Cat. No.:	HY-144424
CAS No.:	2700265-62-7
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> FN <sub>5</sub> O <sub>3</sub>
Molecular Weight:	411.43
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-11 (Compound 14h) is a potent inhibitor of TRK (IC <sub>50</sub> = 1.4, 1.8 nM, against TrkA, TrkA <sup>G595R</sup> , respectively). As a receptor tyrosine kinase (RTK), tropomyosin receptor kinase (Trk) is a key agent target in solid tumors. Trk-IN-11 has the potential for the research of cancer disease <sup>[1]</sup> .
IC <sub>50</sub> & Target	TrkA

### REFERENCES

[1]. Fan Y, et al. Pyrizolo[1,5-a]pyrimidine derivatives of the second-generation TRK inhibitor: Design, synthesis and biological evaluation. *Bioorg Med Chem Lett.* 2022;63:128646.

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

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