



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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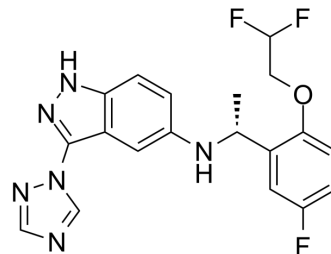
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## TRK-IN-29

Cat. No.:	HY-161819
Molecular Formula:	C <sub>19</sub> H <sub>17</sub> F <sub>3</sub> N <sub>6</sub> O
Molecular Weight:	402.37
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

<b>Description</b>	TRK-IN-29 (Compound B31) is a second-generation TRK inhibitor (IC <sub>50</sub> : 9 nM, 0.6 nM, 18 nM, 5 nM, 6 nM for TRKA <sup>G595R</sup> , TRKA <sup>F589L</sup> , TRKA <sup>G667C</sup> , TRKA and TRKC respectively). TRK-IN-29 inhibits the phosphorylation of TRKA. TRK-IN-29 has good antiproliferative activities against NTRK fusion positive cells. TRK-IN-29 has excellent plasma stability and moderate pharmacokinetic properties <sup>[1]</sup> .
<b>In Vitro</b>	TRK-IN-29 shows strong antiproliferative activities against Km-12, Ba/F3-TRKA <sup>G595R</sup> , and Ba/F3-TRKA <sup>G667C</sup> cell lines with IC <sub>50</sub> values of 0.3, 4.7, and 9.9 nM, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Qiaohua Qin, et al. Discovery of novel indazole derivatives as second-generation TRK inhibitors. European Journal of Medicinal Chemistry. Available online 1 July 2024, 116640, et al.

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

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