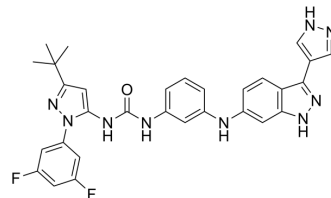


## Type II TRK inhibitor 2

Cat. No.:	HY-163004
Molecular Formula:	C <sub>30</sub> H <sub>27</sub> F <sub>2</sub> N <sub>9</sub> O
Molecular Weight:	567.59
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

Type II TRK inhibitor 2 (compound 40l) is a selective type II TRK inhibitor with plasma stability and moderate hepatic microsomal stability. Type II TRK inhibitor 2 significantly inhibits Km-12, Ba/F3-TRKA<sup>G595R</sup> and Ba/F3-TRKA<sup>G667C</sup> cell proliferation (IC<sub>50</sub>: 4.1 nM, 41.5 nM, 1.4 nM). Type II TRK inhibitor 2 can be used to study NTRK fusion cancers<sup>[1]</sup>.

### REFERENCES

[1]. Qin Q et al. Discovery of novel 3-(1H-pyrazol-4-yl)-1H-indazole derivatives as potent type II TRK inhibitors against acquired resistance[J]. European Journal of Medicinal Chemistry, 2023: 115953.

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

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