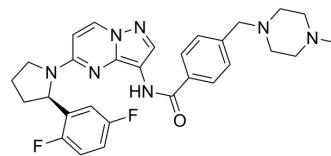


Protein kinase inhibitor 5

| | |
|--------------------|---|
| Cat. No.: | HY-153745 |
| CAS No.: | 2278204-94-5 |
| Molecular Formula: | C ₂₉ H ₃₁ F ₂ N ₇ O |
| Molecular Weight: | 531.6 |
| 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 | Protein kinase inhibitor 5 is a potent TRK-A inhibitor with an IC ₅₀ value of 1.8 nM. Protein kinase inhibitor 5 inhibits cell viability ^[1] . |
| IC₅₀ & Target | TrkA 1.8 nM (IC ₅₀) |
| In Vitro | Protein kinase inhibitor 5 (compound 2) (0.014-10 μM; 72 h) inhibits cell viability with a GI ₅₀ value of <1 nM for TEL-NTRK1-BaF3 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Dawei Zhang, et al. Substituted pyrazolopyrimidines useful as kinases inhibitors. WO2019029629A1.

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

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