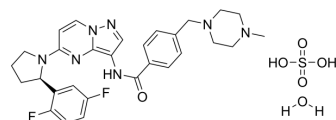


Protein kinase inhibitor 5 sulfate hydrate

Cat. No.: HY-153745A
Molecular Formula: C₂₉H₃₅F₂N₇O₆S
Molecular Weight: 647.69
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 sulfate hydrate is a potent TRK-A inhibitor with an IC ₅₀ value of 1.8 nM. Protein kinase inhibitor 5 sulfate hydrate inhibits cell viability ^[1] .
IC₅₀ & Target	TrkA 1.8 nM (IC ₅₀)
In Vitro	Protein kinase inhibitor 5 sulfate hydrate (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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA