优睿科
— UREIKO —

Data Sheet

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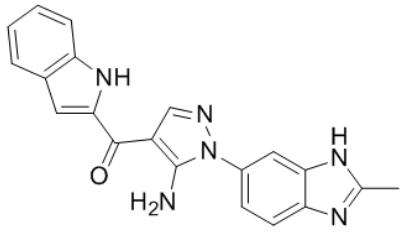
Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name : CH-5183284
Cat. No. : URK-V587
CAS No. : 1265229-25-1
Molecular Formula : $C_{20}H_{16}N_6O$
Molecular Weight : 356.3806
Target : FGFR
Solubility : DMSO: ≥ 31mg/mL



Biological Activity

A potent, selective and orally available FGFR1/2/3 inhibitor with enzyme IC50 of 9.3/7.6/22 nM, respectively; displays >10-fold selectivity over FGFR4, and >100-fold over KDR, Src, and other kinases; displays preferential antitumor activity against cancer cells with various FGFR genetic alterations in a panel of 327 cancer cell lines and in xenograft models; can inhibit FGFR2 harboring one type of the gatekeeper mutation and blocks FGFR2 V564F-driven tumor growth.
Solid Tumors
Phase 1 Clinical

References

Ebiike H, et al. J Med Chem. 2016 Dec 8;59(23):10586-10600.

Nakanishi Y, et al. Mol Cancer Ther. 2014 Nov;13(11):2547-58.

Nakanishi Y, et al. Mol Cancer Ther. 2015 Dec;14(12):2831-9.

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