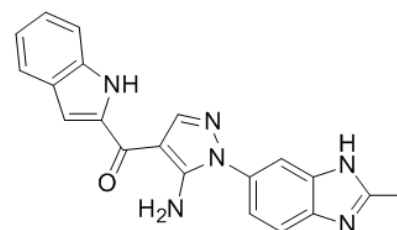


Product Name : Zoligratinib
Cat. No. : PC-45761
CAS No. : 1265229-25-1
Molecular Formula : C₂₀H₁₆N₆O
Molecular Weight : 356.3806
Target : FGFR
Solubility : DMSO: ≥ 31mg/mL



Biological Activity

CH5183284 (Zoligratinib, Debio1347) is a potent, selective and orally available **FGFR1/2/3** inhibitor with enzyme IC₅₀ of 9.3/7.6/22 nM, respectively.

CH-5183284 displays >10-fold selectivity over FGFR4, and >100-fold over KDR, Src, and other kinases.

CH-5183284 displays preferential antitumor activity against cancer cells with various FGFR genetic alterations in a panel of 327 cancer cell lines and in xenograft models.

CH-5183284 can inhibit FGFR2 harboring one type of the gatekeeper mutation and blocks FGFR2 V564F-driven tumor growth.

References

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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.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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