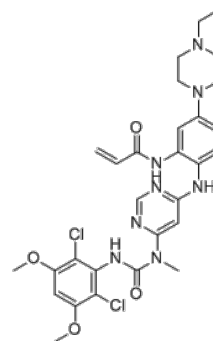


Product Name : H3B-6527
Cat. No. : PC-60784
CAS No. : 1702259-66-2
Molecular Formula : C₂₉H₃₄Cl₂N₈O₄
Molecular Weight : 629.543
Target : FGFR
Solubility : 10 mM in DMSO



Biological Activity

H3B-6527 is a potent, highly selective covalent **FGFR4** inhibitor with IC₅₀ of <1.2 nM, 250-fold selectivity over FGFR1-3 (IC₅₀=320, 1290 and 1060 nM, respectively).

H3B-6527 displays little to no inhibitory activity against TAOK2, JNK2 and CSF1R (IC₅₀=690, >10,000, and >10,000 nM).

H3B-6527 inhibits Hep3B cell viability with GI₅₀ of 25 nM in ATP-based cell viability assay, inhibits proliferation and leads to apoptosis in HCC cell lines by inhibiting FGFR4 signaling.

H3B-6527 exhibits antitumor activity in the Hep3B human HCC xenograft mouse model.

References

Joshi JJ, et al. *Cancer Res.* 2017 Dec 15;77(24):6999-7013.

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

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