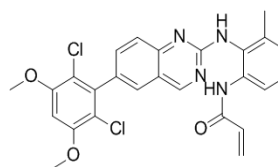


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :BLU9931
Cat.No. :URK-V694
CAS No. :1538604-68-0
Molecular Formula :C₂₆H₂₂Cl₂N₄O₃
Molecular Weight :509.384
Target :FGFR
Solubility :17 mg/ml in DMSO



Biological Activity

BLU9931 (BLU-9931) is a potent, selective, irreversible inhibitor of FGFR4 with IC₅₀ of 3 nM.

BLU9931 shows much weaker activity for FGFR1 (IC₅₀=591 nM), FGFR2 (IC₅₀=493 nM) and FGFR3 (IC₅₀=150 nM).

BLU9931 potently and selectively inhibits FGFR4 signaling and cell proliferation in HCC cell lines with an activated FGFR4 signaling pathway (Huh-7 cell IC₅₀=110 nM, JHH-7 IC₅₀=20 nM).

BLU9931 shows remarkable antitumor activity in mice bearing HCC tumor xenograft that overexpresses FGF19.

References

1. Hagel M, et al. Cancer Discov. 2015 Apr;5(4):424-37.
2. Packer LM, et al. Cancer Discov. 2015 Apr;5(4):355-7.
3. Yamamoto M, et al. Cancer Sci. 2018 Mar 13. doi: 10.1111/cas.13569.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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