Data Sheet

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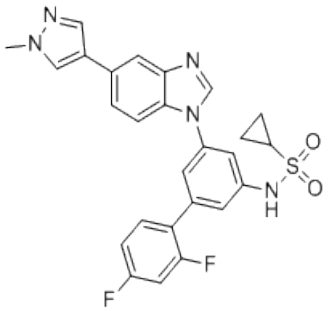
Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :ODM-203
Cat.No. :URK-V648
CAS No. :1430723-35-5
Molecular Formula :$C_{26}H_{21}F_2N_5O_2S$
Molecular Weight :505.544
Target :FGFR
Solubility :100 mM in DMSO (50.5 mg/mL）



Biological Activity

ODM-203 (ODM203) is a potent, selective, dual inhibitor of FGFR and VEGFR tyrosine kinases with approximately equal potency towards recombinant FGFR1, 2, 3 and 4, as well as VEGFR1, 2 and 3 (IC50=5-35 nM).
ODM-203 suppresses 9/317 additional kinases by >70% at 1 uM, 9 kinases suppressed by ODM-203 - DDR1, MAP4K4, MINK1, RET, PDGFRa and SIK2 (IC50<100 nM).
ODM-203 is a potent inhibitor of FGFR signaling and proliferation in several FGFR-dependent cell lines; ODM-203 inhibits VEGFR-induced tube formation (IC50 33 nM) with similar potency as it inhibits proliferation in FGFR-dependent cell lines (IC50 50-150 nM).
ODM-203 inhibits FGFR phosphorylation and tumor growth in several FGFR-dependent xenografts.

References

1. Holmström TH, et al. Mol Cancer Ther. 2018 Oct 9. pii: molcanther.0204.2018.

JACK@UREIKO-CHEM.COM