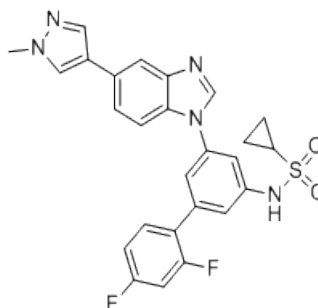


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

<b>Product Name</b>	:ODM-203
<b>Cat.No.</b>	:URK-V648
<b>CAS No.</b>	:1430723-35-5
<b>Molecular Formula</b>	:C <sub>26</sub> H <sub>21</sub> F <sub>2</sub> N <sub>5</sub> O <sub>2</sub> S
<b>Molecular Weight</b>	:505.544
<b>Target</b>	:FGFR
<b>Solubility</b>	: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 (IC<sub>50</sub>=5-35 nM).

ODM-203 suppresses 9/317 additional kinases by >70% at 1 μM, 9 kinases suppressed by ODM-203 - DDR1, MAP4K4, MINK1, RET, PDGFRα and SIK2 (IC<sub>50</sub><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 (IC<sub>50</sub> 33 nM) with similar potency as it inhibits proliferation in FGFR-dependent cell lines (IC<sub>50</sub> 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.

*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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