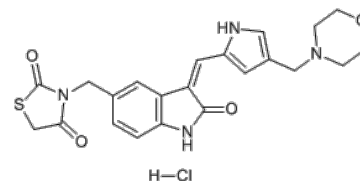


Product Name : S49076 hydrochloride
Cat. No. : PC-50012
CAS No. : 1265966-31-1
Molecular Formula : C₂₂H₂₃ClN₄O₄S
Molecular Weight : 474.96
Target : TAM Receptor (Tyro3-Axl-Mer)
Solubility :



Biological Activity

S49076 hydrochloride is a potent, ATP-competitive tyrosine kinase inhibitor of MET, AXL/MER, and FGFR1/2/3 with IC₅₀ of <20 nM, also potently inhibits the kinase activity of mutated isoforms of MET (D1246N, Y1248D, Y1248H) and FGFR1/2; only inhibits 6% of kinases on a panel of 442 human wild-type and mutated kinases at 100 nM; inhibits the proliferation of MET- and FGFR2-dependent gastric cancer cells, blocks MET-driven migration of lung carcinoma cells, and inhibits colony formation of hepatocarcinoma cells expressing FGFR1/2 and AXL; causes tumor growth arrest in bevacizumab-resistant tumors in cancer xenograft models.

Brain Cancer
Phase 2 Clinical

References

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Clémenson C, et al. Mol Cancer Ther. 2017 Oct;16(10):2107-2119.
Rodon J, et al. Eur J Cancer. 2017 Aug;81:142-150.

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

E-mail: tech@probechem.com