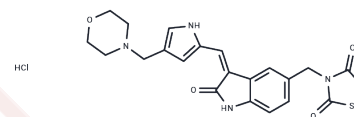


TargetMọi

Chemical Properties

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	S49076 HCl (S-49076 Hydrochloride) is an effective inhibitor of MET, AXL/MER, and FGFR1/2/3. S49076 HCl potentially blocked cellular phosphorylation of MET, AXL, and FGFRs and inhibited downstream signaling in vitro and in vivo. In cell models, S49076 HCl inhibited the proliferation of MET- and FGFR2-dependent gastric cancer cells blocked MET-driven migration of lung carcinoma cells, and inhibited colony formation of hepatocarcinoma cells expressing FGFR1/2 and AXL. In tumor xenograft models, a good pharmacokinetic/pharmacodynamic relationship for MET and FGFR2 inhibition following oral administration of S49076 HCl was established and correlated well with impact on tumor growth.
Targets(IC50)	FGFR,c-Met/HGFR,TAM Receptor

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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	1mg	5mg	10mg
1 mM	2.2735 mL	11.3675 mL	22.735 mL
5 mM	0.4547 mL	2.2735 mL	4.547 mL
10 mM	0.2274 mL	1.1368 mL	2.2735 mL
50 mM	0.0455 mL	0.2274 mL	0.4547 mL

Reference

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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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