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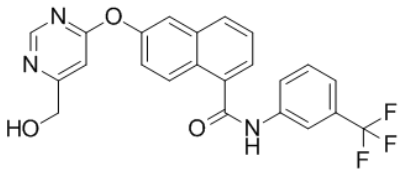
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	BFH772
Cat. No.	:	PC-42146
CAS No.	:	890128-81-1
Molecular Formula	:	$C_{23}H_{16}F_3N_3O_3$
Molecular Weight	:	439.3867
Target	:	VEGFR
Solubility	:	DMSO: 7.75 mg/mL



Biological Activity

BFH772 is a potent, selective and orally active **VEGFR2** tyrosine kinase inhibitor with IC50 of 3 nM.
BFH772 shows 40-fold less potent activity B-RAF, RET and TIE-2, and >500-fold for FLK-1, FLT-1 and FLT-4.
BFH772 inhibits ligand-induced autophosphorylation of RET, PDGFR and KIT with IC50 of 30-160 nM.
BFH772 potently inhibits VEGF-driven angiogenesis in a chamber model and rodent tumor models at daily doses of less than 3 mg/kg.

References

Bold G, et al. ***J Med Chem***. 2016 Jan 14;59(1):132-46.

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