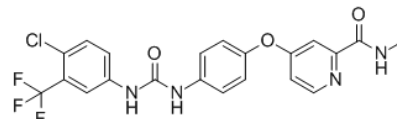


Product Name : Sorafenib
Cat. No. : PC-42445
CAS No. : 284461-73-0
Molecular Formula : C₂₁H₁₆ClF₃N₄O₃
Molecular Weight : 464.825
Target : Raf
Solubility : DMSO: ≥ 45 mg/mL
4. Lyons JF, et al. *Endocr Relat Cancer*. 2001 Sep;8(3):219-25.



Biological Activity

A potent, orally available Raf inhibitor with IC₅₀ of 6, 22, and 38 nM for Raf-1, wt Braf, and Braf V599E, respectively; Also demonstrates potent inhibition of certain proangiogenic RTKs, including VEGFR-2, PDGFR-β, VEGFR-3, Flt-3, c-Kit (IC₅₀<100 nM); Exhibits broad spectrum oral antitumor activity and targets the RAF/MEK/ERK pathway and receptor tyrosine kinases involved in tumor progression and angiogenesis.

Kidney Cancer
Approved

References

- Wilhelm SM, et al. *Cancer Res*. 2004 Oct 1;64(19):7099-109.
Carlomagno F, et al. *J Natl Cancer Inst*. 2006 Mar 1;98(5):326-34.

