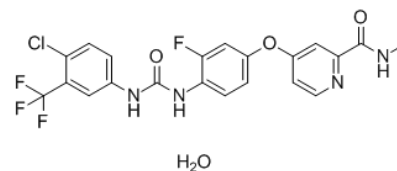


Product Name : Regorafenib monohydrate
Cat. No. : PC-42531
CAS No. : 1019206-88-2
Molecular Formula : C₂₁H₁₇ClF₄N₄O₄
Molecular Weight : 500.8307
Target : VEGFR
Solubility : 10 mM in DMSO



Biological Activity

A potent multikinase inhibitor that potently inhibits these endothelial cell kinases in biochemical and cellular kinase phosphorylation assays with nanomolar range (IC₅₀=3-200 nM); inhibits VEGFR1/2/3, PDGFR β , FGFR1, KIT, RET and B-RAF etc.; exhibits potent dose-dependent TGI in various preclinical human xenograft models in mice; orally active.

Colon Cancer
Approved

References

- Wilhelm SM, et al. Int J Cancer. 2011 Jul 1;129(1):245-55.
Mross K, et al. Clin Cancer Res. 2012 May 1;18(9):2658-67.
Abou-Elkacem L, et al. Mol Cancer Ther. 2013 Jul;12(7):1322-31.

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

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