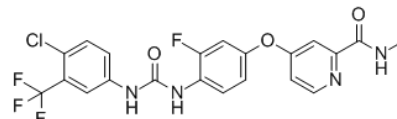


Product Name : Regorafenib
Cat. No. : PC-42530
CAS No. : 755037-03-7
Molecular Formula : C₂₁H₁₅ClF₄N₄O₃
Molecular Weight : 482.8154
Target : VEGFR
Solubility : DMSO: ≥ 260 mg/mL



Biological Activity

Regorafenib (BAY 73-4506) is a potent **multikinase** inhibitor that potently inhibits endothelial cell kinases in biochemical and cellular kinase phosphorylation assays with nanomolar range (IC₅₀=3-200 nM).

Regorafenib (BAY 73-4506) inhibits **VEGFR1/2/3**, PDGFR β , FGFR1, KIT, RET and B-RAF etc.

Regorafenib (BAY 73-4506) exhibits potent dose-dependent TGI in various preclinical human xenograft models in mice; orally active.

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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