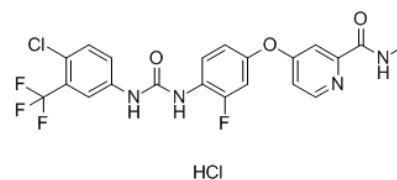


Product Name : Regorafenib hydrochloride
Cat. No. : PC-43483
CAS No. : 835621-07-3
Molecular Formula : C₂₁H₁₆Cl₂F₄N₄O₃
Molecular Weight : 519.28
Target : VEGFR
Solubility : DMSO: ≥ 5.6 mg/mL



Biological Activity

Regorafenib hydrochloride (BAY73-4506) is a potent, orally active multikinase inhibitor that potently inhibits endothelial cell kinases in biochemical and cellular kinase phosphorylation assays with nanomolar range (IC₅₀=3-200 nM). Regorafenib hydrochloride inhibits **VEGFR1/2/3**, PDGFRβ, FGFR1, KIT, RET and B-RAF etc. Regorafenib hydrochloride exhibits potent dose-dependent TGI in various preclinical human xenograft models in mice.

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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