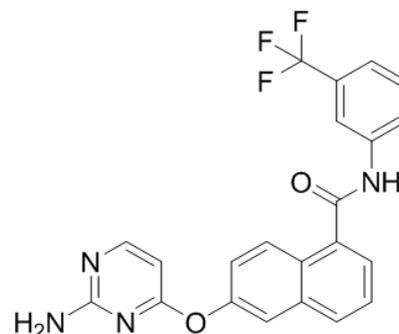


Product Name : NVP-BAW2881
Cat. No. : PC-42130
CAS No. : 861875-60-7
Molecular Formula : C₂₂H₁₅F₃N₄O₂
Molecular Weight : 424.3753
Target : VEGFR
Solubility : DMSO: ≥ 33 mg/mL



Biological Activity

A potent, selective VEGFR inhibitor with IC₅₀ of 37 nM for hVEGFR2 (KDR); also demonstrates activity against Tie2 (IC₅₀=650 nM) and RET (IC₅₀=410 nM), no activity against a wide panel of other kinases; inhibits VEGF-A-induced phosphorylation of VEGFR-2 in HUVECs and in VEGFR-2-transfected CHO cells with IC₅₀ of 2.9 and 4.2 nM, respectively, also inhibits phosphorylation of RET, PDGFRβ and c-Kit with IC₅₀ of 40-80 nM; inhibits the proliferation, migration and tube formation by HUVECs and lymphatic endothelial cells in vitro; displays strong anti-inflammatory effects in models of acute inflammation such as psoriasis.

References

Halin C, et al. Am J Pathol. 2008 Jul;173(1):265-77.

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

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