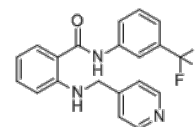


Product Name : AAL993
Cat. No. : PC-63214
CAS No. : 269390-77-4
Molecular Formula : C₂₀H₁₆F₃N₃O
Molecular Weight : 371.363
Target : VEGFR
Solubility : 10 mM in DMSO



Biological Activity

AAL993 (ZK260253) is a potent, orally active **VEGFR** inhibitor with IC₅₀ of 130, 23 and 18 nM for VEGFR-1, 2 and 3, respectively.

AAL993 (ZK260253) dose-dependently inhibits tumor growth in nude mice bearing human prostate carcinoma (DU145) subcutaneous xenografts.

AAL993 (ZK260253) possesses dual functions: inhibition of VEGFR signaling and HIF-1α expression under the hypoxic condition, suppresses HIF-1α expression through ERK inhibition without affecting Akt phosphorylation.

References

Ban HS, et al. *Cancer Lett.* 2010 Oct 1;296(1):17-26.

Honda T, et al. *Bioorg Med Chem Lett.* 2008 May 1;18(9):2939-43.

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

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