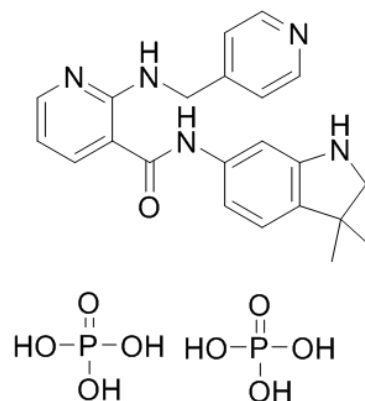


Product Name : Motesanib diphosphate
Cat. No. : PC-42472
CAS No. : 857876-30-3
Molecular Formula : C₂₂H₂₉N₅O₉P₂
Molecular Weight : 569.4413
Target : VEGFR
Solubility : 10 mM in DMSO
4. Caenepeel S, et al. J Exp Clin Cancer Res. 2010 Jul 15;29:96.



Biological Activity

A potent, orally bioavailable, multikinase inhibitor inhibitor of VEGFR1/2/3, PDGFR and c-Kit with IC₅₀ of 2-6 nM, 84 nM and 8 nM, respectively; also displays activity against Ret (IC₅₀=59 nM), no activities against EGFR, Src, and p38; inhibits human endothelial cell proliferation induced by VEGF, but not by bFGF in vitro; potently inhibits VEGF-induced angiogenesis in the rat models.

Lung Cancer

Phase 3 Discontinued

References

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Sherman SI, et al. N Engl J Med. 2008 Jul 3;359(1):31-42.

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