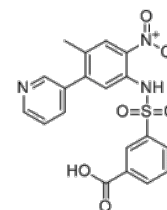


Product Name : Alofanib
Cat. No. : PC-60557
CAS No. : 1612888-66-0
Molecular Formula : C₁₉H₁₅N₃O₆S
Molecular Weight : 413.404
Target : FGFR
Solubility :



Biological Activity

Alofanib ((RPT-835, ES 000835) is a potent, selective, allosteric **FGFR2** inhibitor that significantly inhibits bFGF-induced proliferation of HUVEC cells with IC₅₀ of 11 nM; suppresses proliferation of SVEC-4-10 cells with IC₅₀ of 58 nM, inhibits growth of FGFR2-expressing SKOV3 cells with GI₅₀ of 0.37 μM; inhibits experimental FGF-induced angiogenesis in vivo.

References

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Tsimafeyeu I, et al. Med Chem. 2016;12(4):303-17.
Tsimafeyeu I, et al. Eur J Cancer. 2016 Jul;61:20-8.
Tyulyandina A, et al. Invest New Drugs. 2017 Apr;35(2):127-133.

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

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