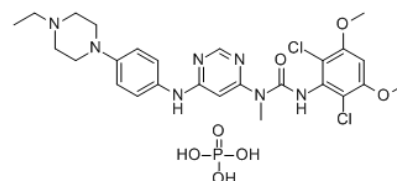


Product Name : NVP-BGJ398 phosphate
Cat. No. : PC-43485
CAS No. : 1310746-10-1
Molecular Formula : C₂₆H₃₄Cl₂N₇O₇P
Molecular Weight :
Target : FGFR
Solubility : 10 mM in DMSO



Biological Activity

NVP-BGJ398 phosphate (Infigratinib phosphate, BGJ398 phosphate) is a potent, selective pan-FGFR inhibitor with IC₅₀ of 0.9/1.0/1.4/60 nM for FGFR1/2/3/4, also shows high potency against mutant FGFR3-K650E with IC₅₀ of 4.9 nM; inhibits the proliferation of the FGFR1-, FGFR2-, and FGFR3-dependent BaF3 cells with IC₅₀ of low nanomolar range; shows significant antitumor activity in RT112 bladder cancer xenografts models overexpressing wild-type FGFR3, significantly inhibits the growth of FGFR2-mutated endometrial cancer xenograft models, also ameliorates FGF23-mediated hypophosphatemic rickets in mouse models.

Blood Cancer

Phase 2 Clinical

References

Guagnano V, et al. J Med Chem. 2011 Oct 27;54(20):7066-83.

Guagnano V, et al. Cancer Discov. 2012 Dec;2(12):1118-33.

Konecny GE, et al. Mol Cancer Ther. 2013 May;12(5):632-42.

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

E-mail: tech@probechem.com