

Product Datasheet

BGJ-398

Catalog No. **BP-02329** · CAS **1310746-10-1** · Form **free base** · Physical state **solid** · Color **white to gray** · Version **1.0** ·
Revision **2026-09-10**

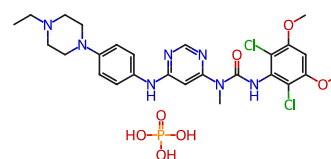
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Target FGFR	Research area Cancer
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Molecular formula **C₂₆H₃₄Cl₂N₇O₇P**

Molecular weight **658.4710**

STRUCTURE



DESCRIPTION

Infigratinib phosphate (BGJ-398 phosphate; NVP-BGJ398 phosphate) is a potent inhibitor of the FGFR family with IC₅₀ of 0.9 nM, 1.4 nM, 1 nM, and 60 nM for FGFR1, FGFR2, FGFR3, and FGFR4, respectively.

BIOLOGICAL ACTIVITY

Infigratinib phosphate (BGJ-398 phosphate; NVP-BGJ398 phosphate) is a potent inhibitor of the FGFR family with IC₅₀ of 0.9 nM, 1.4 nM, 1 nM, and 60 nM for FGFR1, FGFR2, FGFR3, and FGFR4, respectively.

SOLUBILITY

Soluble in DMSO

REFERENCES

- [1]. Guagnano V, et al. Discovery of 3-(2,6-Dichloro-3,5-dimethoxy-phenyl)-1-{6-[4-(4-ethyl-piperazin-1-yl)-phenylamino]-pyrimidin-4-yl}-1-methyl-urea (NVP-BGJ398), A Potent and Selective Inhibitor of the Fibroblast Growth Factor Receptor Family of Receptor T
- [2]. Konecny GE, et al. Activity of the fibroblast growth factor receptor inhibitors dovitinib (TKI258) and NVP-BGJ398 in human endometrial cancer cells. Mol Cancer Ther. 2013 May;12(5):632-42.