

NVP-BGJ398, Pan-specific FGFR inhibitor

| Catalog | Unit |
|--------------|-------|
| TBI4817-10MG | 10 mg |
| TBI4817-50MG | 50 mg |

Product Details

Formal Name: 3-(2,6-Dichloro-3,5-dimethoxyphenyl)-1-(6-{{[4-(4-ethyl-1-piperazinyl)phenyl]amino}}-4-pyrimidinyl)-1-methylurea

Alternate Names: Infigratinib

Molecular Formula: C₂₆H₃₁Cl₂N₇O₃

Formula Weight: 560.48

CAS Number: 872511-34-1

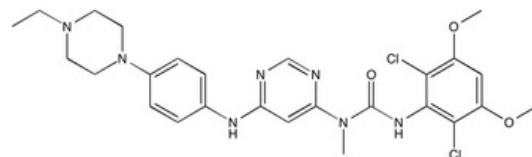
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Pan-specific FGFR inhibitor

Functions

NVP-BGJ398 is a potent and selective pan-FGFR inhibitor (IC₅₀ = 0.9nM, 1.4 nM, 1.0 nM, and 60 nM for FGFR1,2,3,4 respectively). It has also been used in a mouse model of Achondroplasia (most common form of dwarfism) to correct pathological hallmarks of this condition.

Application Procedures

First dissolved in DMSO (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

For research use only.