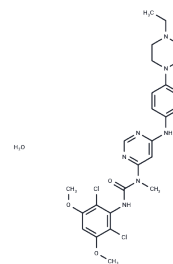


## Infigratinib monohydrate

## Chemical Properties

CAS No. :	1310746-11-2
Formula:	C <sub>26</sub> H <sub>33</sub> Cl <sub>2</sub> N <sub>7</sub> O <sub>4</sub>
Molecular Weight:	578.49
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Infigratinib monohydrate, also known as, BGJ398 monohydrate or NVP-BGJ398 monohydrate, is a pan FGFR kinase inhibitor, and is an orally bioavailable pan inhibitor of human fibroblast growth factor receptors (FGFRs) with potential antiangiogenic and antineoplastic activities. pan FGFR kinase inhibitor BGJ398 selectively binds to and inhibits the activities of FGFRs, which may result in the inhibition of tumor angiogenesis and tumor cell proliferation, and the induction of tumor cell death. Infigratinib monohydrate was approved in 2021 to treat adults with cholangiocarcinoma whose disease meets certain criteria.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7286 mL	8.6432 mL	17.2864 mL
5 mM	0.3457 mL	1.7286 mL	3.4573 mL
10 mM	0.1729 mL	0.8643 mL	1.7286 mL
50 mM	0.0346 mL	0.1729 mL	0.3457 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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