

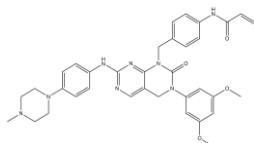
**PRODUCT: FIIN-2**

**ALTERNATE NAME:** N-(4-((3-(3,5-dimethoxyphenyl)-7-((4-(4-methylpiperazin-1-yl)phenyl)amino)-2-oxo-3,4-dihydropyrimido[4,5-d]pyrimidin-1(2H)-yl)methyl)phenyl)acrylamide

**CATALOG #:** 9577-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>35</sub>H<sub>38</sub>N<sub>6</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 634.73

**CAS NUMBER:** 1633044-56-0

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO (>6 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light

**DESCRIPTION:** FIIN-2 is a potent, selective, irreversible, next-generation covalent FGFR inhibitor. FIIN-2 is the first inhibitor that can potently inhibit the proliferation of cells dependent upon the gatekeeper mutants of FGFR1 or FGFR2, which confer resistance to first-generation clinical FGFR inhibitors such as NVP-BGJ398 and AZD4547.

**REFERENCES:** Tan, L., *et al.* (2014). *Proc. Natl. Acad. Sci. USA* **111**, E4869-4877.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

- AZD-4547 (**9403**)
- BIBF1120 (**2167**)
- LY2874455 (**9532**)
- NVP-BGJ398 (**2855**)
- PD173074 (**1675**)
- Ponatinib (**2712**)
- SU6668 (**1931**)
- SU5402 (**1645**)
- EZSolution™ SU5402 (**2017**)
- XL228 (**2632**)

**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*