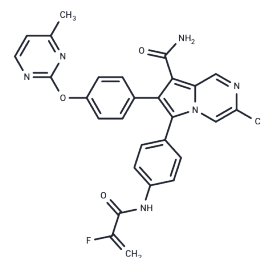


FGFR2/3-IN-2

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 3025799-28-1 |
| Formula: | C ₂₉ H ₂₃ FN ₆ O ₃ |
| Molecular Weight: | 522.53 |
| 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 | FGFR2/3-IN-2 (compound 10) is an orally active inhibitor targeting FGFR2 and FGFR3. It exhibits IC ₅₀ values of 3.7 nM for FGFR2 and 31.2 nM for FGFR3, with a pre-incubation time of 1 hour. FGFR2/3-IN-2 demonstrates selectivity over FGFR1/4 and other kinases, and does not cause diarrhea or increased serum phosphate in vivo. In the SNU-16 gastric cancer model, FGFR2/3-IN-2 can induce tumor stasis or regression. |
| Targets(IC ₅₀) | FGFR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9138 mL | 9.5688 mL | 19.1377 mL |
| 5 mM | 0.3828 mL | 1.9138 mL | 3.8275 mL |
| 10 mM | 0.1914 mL | 0.9569 mL | 1.9138 mL |
| 50 mM | 0.0383 mL | 0.1914 mL | 0.3828 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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