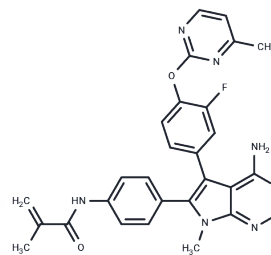


FGFR2-IN-3

Chemical Properties

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 2549174-42-5 |
| Formula: | C ₂₈ H ₂₄ N ₄ O ₂ |
| Molecular Weight: | 509.53 |
| 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-IN-3 is an orally active selective FGFR2 inhibitor[1]. |
| Targets(IC50) | FGFR |

Solubility Information

| | |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 56.7 mg/mL (111.28 mM), Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9626 mL | 9.813 mL | 19.6259 mL |
| 5 mM | 0.3925 mL | 1.9626 mL | 3.9252 mL |
| 10 mM | 0.1963 mL | 0.9813 mL | 1.9626 mL |
| 50 mM | 0.0393 mL | 0.1963 mL | 0.3925 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.

Reference

Lescarbeau, Andre, et al. Preparation of substituted pyrrolopyrimidines as FGFR inhibitors and methods of making and using the same. WO2022109577.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481