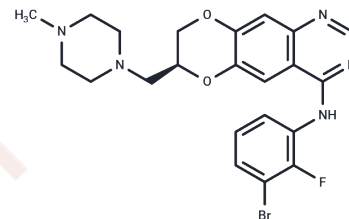


JGK-0685

Chemical Properties

CAS No. : 2490431-16-6
 Formula: C₂₂H₂₃BrFN₅O₂
 Molecular Weight: 488.35
 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 | Compound I (JGK-0685) is a potent inhibitor of the epidermal growth factor receptor (EGFR) [1]. |
| Targets(IC50) | EGFR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0477 mL | 10.2386 mL | 20.4771 mL |
| 5 mM | 0.4095 mL | 2.0477 mL | 4.0954 mL |
| 10 mM | 0.2048 mL | 1.0239 mL | 2.0477 mL |
| 50 mM | 0.041 mL | 0.2048 mL | 0.4095 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

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