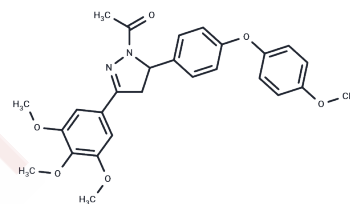


VEGFR-IN-3

Chemical Properties

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 2874264-13-6 |
| Formula: | C ₂₇ H ₂₈ N ₂ O ₆ |
| Molecular Weight: | 476.52 |
| 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 | VEGFR-IN-3 (compound 3f), a VEGFR inhibitor, exhibits potent anticancer activity by inhibiting the growth of OVCAR-4 and MDA-MB-468 cancer cells with IC ₅₀ values of 0.29 and 0.35 μ M, respectively. It has potential applications in cancer research [1]. |
| Targets(IC ₅₀) | Apoptosis,Others,VEGFR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0985 mL | 10.4927 mL | 20.9855 mL |
| 5 mM | 0.4197 mL | 2.0985 mL | 4.1971 mL |
| 10 mM | 0.2099 mL | 1.0493 mL | 2.0985 mL |
| 50 mM | 0.042 mL | 0.2099 mL | 0.4197 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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