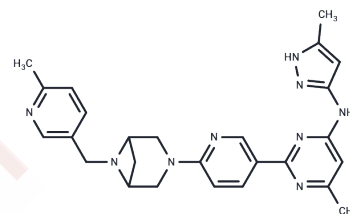


RET-IN-28

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2479961-45-8 |
| Formula: | C ₂₆ H ₂₉ N ₉ |
| Molecular Weight: | 467.57 |
| 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 | RET-IN-28 (Compound 16) is an inhibitor of RET (a transmembrane receptor tyrosine kinase). It specifically inhibits the activity of a mutant RET enzyme (RET-V804M) and is utilized in cancer research. |
| Targets(IC50) | Others,c-RET |
| In vitro | RET-IN-28 inhibits the enzymatic activity of RET-V804M with an inhibition rate of 92% (at 100 nM). |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1387 mL | 10.6936 mL | 21.3872 mL |
| 5 mM | 0.4277 mL | 2.1387 mL | 4.2774 mL |
| 10 mM | 0.2139 mL | 1.0694 mL | 2.1387 mL |
| 50 mM | 0.0428 mL | 0.2139 mL | 0.4277 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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