

RET-IN-14

## Chemical Properties

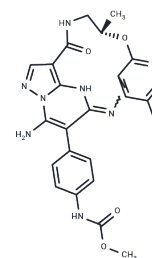
CAS No. : 2755843-62-8

Formula: C<sub>24</sub>H<sub>23</sub>FN<sub>8</sub>O<sub>4</sub>

Molecular Weight: 506.49

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-14 is a potent inhibitor of RET, capable of acting on RET (WT) (IC <sub>50</sub> < 0.51 nM), RET (G810R) (IC <sub>50</sub> : 9.3 nM), RET (V804M) (IC <sub>50</sub> : 1.3 nM), BTK (C481S) (IC <sub>50</sub> : 9.2 nM) and BTK (C481S) (IC <sub>50</sub> : 15 nM). RET-IN-14 exhibits potential for tumor studies. |
| Targets(IC <sub>50</sub> ) | Others,c-RET,BTK  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.9744 mL | 9.8719 mL | 19.7437 mL |
| 5 mM  | 0.3949 mL | 1.9744 mL | 3.9487 mL  |
| 10 mM | 0.1974 mL | 0.9872 mL | 1.9744 mL  |
| 50 mM | 0.0395 mL | 0.1974 mL | 0.3949 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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