

## RET-IN-23

## Chemical Properties

CAS No. : 2479961-46-9

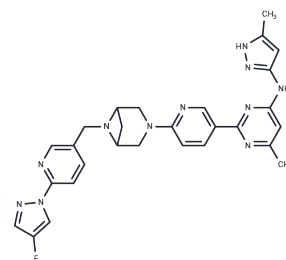
Formula: C<sub>28</sub>H<sub>28</sub>FN<sub>11</sub>

Molecular Weight: 537.59

Store at low temperature

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-23 is an orally available and highly potent RET inhibitor with significant antitumor activity for the study of non-small cell lung cancer.
Targets(IC50)	c-RET
In vitro	RET-IN-23 is a potent and orally active RET inhibitor with IC50 of 1.32, 2.50, 6.54, 1.03, and 1.47 nM for RET-WT, RET-CCDC6, RET-V804L, RET-V804M, and RET-M918T, respectively. [1]
In vivo	RET-IN-23 exhibited significant antitumor activity in mice after oral administration at a dose of 5 mg/kg. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8602 mL	9.3008 mL	18.6015 mL
5 mM	0.372 mL	1.8602 mL	3.7203 mL
10 mM	0.186 mL	0.9301 mL	1.8602 mL
50 mM	0.0372 mL	0.186 mL	0.372 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

ZhongHui Chen, et al. Heterocyclic compound, pharmaceutical composition comprising same, preparation method therefor, and use thereof. WO2020168939A1.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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