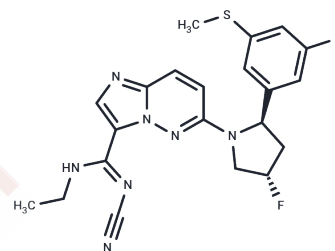


TRK-IN-17

## Chemical Properties

CAS No. : 2409544-80-3  
 Formula: C<sub>21</sub>H<sub>21</sub>F<sub>2</sub>N<sub>7</sub>S  
 Molecular Weight: 441.5  
 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   | TRK-IN-17 is a potent inhibitor of TRK, specifically targeting tropomyosin-related kinase (Trk), a receptor tyrosine kinase activated by neurotrophic factors, which include nerve growth factor (NGF), brain-derived neurotrophic factor (BDNF), neurotrophic factor-3 (NT-3), and neurotrophic factor-4/5 (NT-4/5). TRK-IN-17 has potential for cancer disease research. |
| Targets(IC50) | Others,Trk receptor  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 2.265 mL  | 11.325 mL | 22.6501 mL |
| 5 mM  | 0.453 mL  | 2.265 mL  | 4.530 mL   |
| 10 mM | 0.2265 mL | 1.1325 mL | 2.265 mL   |
| 50 mM | 0.0453 mL | 0.2265 mL | 0.453 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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