

CJ-2360

## Chemical Properties

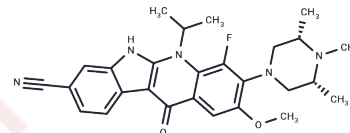
CAS No. : 2226742-61-4

Formula: C<sub>27</sub>H<sub>30</sub>FN<sub>5</sub>O<sub>2</sub>

Molecular Weight: 475.56

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                | CJ-2360 is a potent, orally active ALK inhibitor, capable of acting on wild-type ALK (IC <sub>50</sub> : 2.2 nM) and F1197M (IC <sub>50</sub> : 4.0 nM), G1269A (IC <sub>50</sub> : 8.8 nM), L1196M (IC <sub>50</sub> : 6.3 nM) and S1206Y ALK mutant (IC <sub>50</sub> : 8.9 nM). CJ-2360 strongly inhibited two clinically reported ALK mutants (C1156Y and L1196M) and 468 kinases (LTK, MERTK, CLK1, DAPK1, and DAPK2). |
| Targets(IC <sub>50</sub> ) | Others,ALK  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1028 mL | 10.5139 mL | 21.0278 mL |
| 5 mM  | 0.4206 mL | 2.1028 mL  | 4.2056 mL  |
| 10 mM | 0.2103 mL | 1.0514 mL  | 2.1028 mL  |
| 50 mM | 0.0421 mL | 0.2103 mL  | 0.4206 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

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481