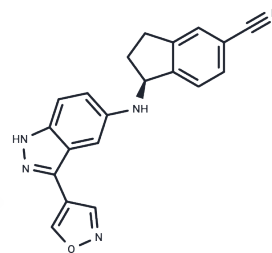


LRRK2-IN-10

## Chemical Properties

CAS No. : 2704562-80-9  
 Formula: C<sub>20</sub>H<sub>15</sub>N<sub>5</sub>O  
 Molecular Weight: 341.37  
 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                | LRRK2-IN-10 (compound 34) is a potent, mutation-selective, brain-penetrant inhibitor targeting G2019S-LRRK2 kinase with IC <sub>50</sub> values of 11 nM for G2019S-LRRK2 pS935 and 5.2 nM for G2019S-LRRK2 pS1292, holding promise for research into Parkinson's disease [1]. |
| Targets(IC <sub>50</sub> ) | LRRK2  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.9294 mL | 14.6469 mL | 29.2937 mL |
| 5 mM  | 0.5859 mL | 2.9294 mL  | 5.8587 mL  |
| 10 mM | 0.2929 mL | 1.4647 mL  | 2.9294 mL  |
| 50 mM | 0.0586 mL | 0.2929 mL  | 0.5859 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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