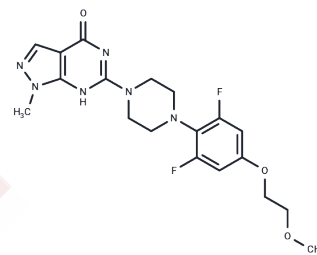


G-631

## Chemical Properties

CAS No. : 1507370-78-6  
 Formula: C<sub>19</sub>H<sub>22</sub>F<sub>2</sub>N<sub>6</sub>O<sub>3</sub>  
 Molecular Weight: 420.41  
 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                | G-631 acts as a selective tankyrase inhibitor, effectively hindering tankyrase auto-PARsylation (poly ADP ribosylation) at an IC <sub>50</sub> of 7 nM and suppressing the Wnt signaling pathway. This compound also demonstrates favorable pharmacokinetic properties in mice. |
| Targets(IC <sub>50</sub> ) | PARP  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.3786 mL | 11.8932 mL | 23.7863 mL |
| 5 mM  | 0.4757 mL | 2.3786 mL  | 4.7573 mL  |
| 10 mM | 0.2379 mL | 1.1893 mL  | 2.3786 mL  |
| 50 mM | 0.0476 mL | 0.2379 mL  | 0.4757 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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