

ZINC000081009201

## Chemical Properties

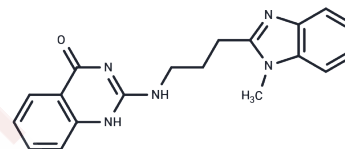
CAS No. : 1424500-13-9

Formula: C<sub>19</sub>H<sub>19</sub>N<sub>5</sub>O

Molecular Weight: 333.39

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                | ZINC000081009201 is an inhibitor of poly (ADP-ribose) polymerase 1 (PARP1) with an IC <sub>50</sub> of 1.4767 μM. It holds potential for research in triple-negative breast cancer (TNBC). |
| Targets(IC <sub>50</sub> ) | PARP   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.9995 mL | 14.9975 mL | 29.9949 mL |
| 5 mM  | 0.5999 mL | 2.9995 mL  | 5.999 mL   |
| 10 mM | 0.2999 mL | 1.4997 mL  | 2.9995 mL  |
| 50 mM | 0.060 mL  | 0.2999 mL  | 0.5999 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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