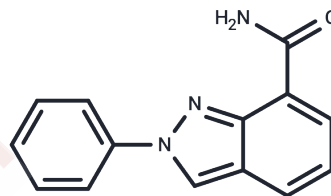


PARP1-IN-37

Chemical Properties

CAS No. : 952474-39-4
 Formula: C₁₄H₁₁N₃O
 Molecular Weight: 237.257
 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 | PARP1-IN-37 (Compound 8) is an orally active and selective inhibitor of poly (ADP-ribose) polymerases 1 and 2 (PARP1/2), with an IC ₅₀ value of 24 nM for PARP1. It inhibits PARP activity in cells with an EC ₅₀ value of 3.7 μM and holds potential for research on BRCA-mutated tumors, such as breast and ovarian cancers. |
| Targets(IC ₅₀) | PARP |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.2148 mL | 21.0739 mL | 42.1479 mL |
| 5 mM | 0.843 mL | 4.2148 mL | 8.4296 mL |
| 10 mM | 0.4215 mL | 2.1074 mL | 4.2148 mL |
| 50 mM | 0.0843 mL | 0.4215 mL | 0.843 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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