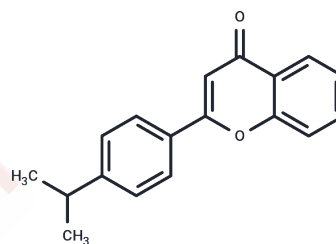


MN-64

## Chemical Properties

CAS No. : 92831-11-3  
Formula: C<sub>18</sub>H<sub>16</sub>O<sub>2</sub>  
Molecular Weight: 264.32  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |  |
|---------------|--|
| Description   | MN-64 is a tankyrases inhibitor, showed 6 nM potency against tankyrase 1, isoenzyme selectivity, and Wnt signaling inhibition. |
| Targets(IC50) | PARP,Wnt/beta-catenin  |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 12 mg/mL (45.4 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.7833 mL | 18.9165 mL | 37.8329 mL |
| 5 mM  | 0.7567 mL | 3.7833 mL  | 7.5666 mL  |
| 10 mM | 0.3783 mL | 1.8916 mL  | 3.7833 mL  |
| 50 mM | 0.0757 mL | 0.3783 mL  | 0.7567 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.

## Reference

Narwal M, et al. J Med Chem. 2013 Oct 24;56(20):7880-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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