

## Antitumor agent-83

### Chemical Properties

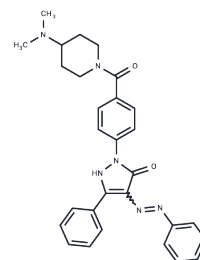
CAS No. :

Formula: C<sub>29</sub>H<sub>30</sub>N<sub>6</sub>O<sub>2</sub>

Molecular Weight: 494.59

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                                                                                                                                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Antitumor agent-83 acts as a BAX pro-apoptotic protein activator, significantly inhibiting tumor cell proliferation and mediating cell apoptosis through BAX's conformational activation. It also impedes the A549 cell cycle, demonstrating robust metabolic stability and an in vitro CYPs spectrum. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0219 mL | 10.1094 mL | 20.2188 mL |
| 5 mM  | 0.4044 mL | 2.0219 mL  | 4.0438 mL  |
| 10 mM | 0.2022 mL | 1.0109 mL  | 2.0219 mL  |
| 50 mM | 0.0404 mL | 0.2022 mL  | 0.4044 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.

**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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