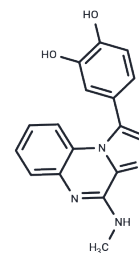


EAPB 02303

## Chemical Properties

CAS No. : 1958290-51-1  
Formula: C<sub>17</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>  
Molecular Weight: 306.32  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|             |                                                                                                                                                                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | EAPB 02303 is a microtubule-disrupting agent and inhibitor that induces mitosis arrest and spindle assembly impairment, leading to apoptosis (programed cell death) and demonstrating antitumor activity. Furthermore, it exhibits potent synergy with Paclitaxel at lower concentrations [1]. |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.2646 mL | 16.3228 mL | 32.6456 mL |
| 5 mM  | 0.6529 mL | 3.2646 mL  | 6.5291 mL  |
| 10 mM | 0.3265 mL | 1.6323 mL  | 3.2646 mL  |
| 50 mM | 0.0653 mL | 0.3265 mL  | 0.6529 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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