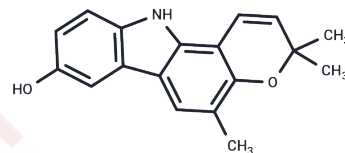


## Koenine

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 28200-63-7  |
| Formula:          | C <sub>18</sub> H <sub>17</sub> NO <sub>2</sub>   |
| Molecular Weight: | 279.33  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | Koenine, a type of carbazole alkaloid, may potentially limit the replication of SARS-CoV-2 by inhibiting the catalytic activity of Mpro. |
| Targets(IC50) | SARS-CoV, Virus Protease   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 3.580 mL  | 17.900 mL | 35.7999 mL |
| 5 mM  | 0.716 mL  | 3.580 mL  | 7.160 mL   |
| 10 mM | 0.358 mL  | 1.790 mL  | 3.580 mL   |
| 50 mM | 0.0716 mL | 0.358 mL  | 0.716 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

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