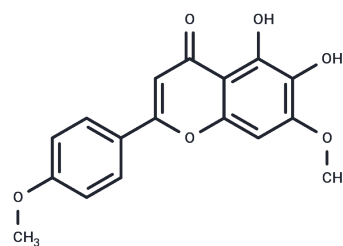


## Ladanein

## Chemical Properties

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| CAS No. :         | 10176-71-3                                               |
| Formula:          | C <sub>17</sub> H <sub>14</sub> O <sub>6</sub>           |
| Molecular Weight: | 314.29                                                   |
| Appearance:       | no data available                                        |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



## Biological Description

|               |                                                                                                                                                                                                                                                                                                                                              |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Ladanein is a phytochemicals inhibitor that is known to disrupt the interactions of core and other hepatitis C virus (HCV) proteins. Ladanein possesses free radicals DPPH and ABTS + scavenging activity, it also displays moderate (20-40 micromM) activities against K562, K562R (imatinib-resistant), and 697 human leukemia cell lines. |
| Targets(IC50) | HCV Protease                                                                                                                                                                                                                                                                                                                                 |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.1818 mL | 15.9089 mL | 31.8177 mL |
| 5 mM  | 0.6364 mL | 3.1818 mL  | 6.3635 mL  |
| 10 mM | 0.3182 mL | 1.5909 mL  | 3.1818 mL  |
| 50 mM | 0.0636 mL | 0.3182 mL  | 0.6364 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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