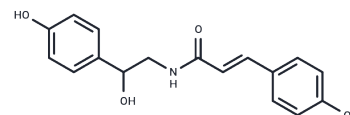


## N-trans-p-coumaroyloctopamine

### Chemical Properties

|                   |                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| CAS No. :         | 66648-45-1                                                                                                                               |
| Formula:          | C17H17NO4                                                                                                                                |
| Molecular Weight: | 299.32                                                                                                                                   |
| Appearance:       | no data available                                                                                                                        |
| Storage:          | store at low temperature,keep away from direct sunlight,store under nitrogen<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|               |                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------|
| Description   | N-trans-p-coumaroyloctopamine (p-coumaroylnoradrenaline) is derived from the tuber tissue of potatoes. |
| Targets(IC50) | Others                                                                                                 |

### Solubility Information

|            |                                                                                               |
|------------|-----------------------------------------------------------------------------------------------|
| Solubility | DMSO: 3.6 mg/mL (12.03 mM)<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|-----------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.3409 mL | 16.7045 mL | 33.4091 mL |
| 5 mM  | 0.6682 mL | 3.3409 mL  | 6.6818 mL  |
| 10 mM | 0.3341 mL | 1.6705 mL  | 3.3409 mL  |
| 50 mM | 0.0668 mL | 0.3341 mL  | 0.6682 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

Sun J, et al. Characterization and quantitative analysis of phenylpropanoid amides in eggplant (*Solanum melongena* L.) by high performance liquid chromatography coupled with diode array detection and hybrid ion

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