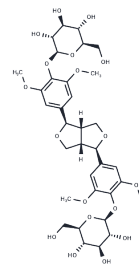


Syringaresinol diglucoside

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 66791-77-3 |
| Formula: | C34H46O18 |
| Molecular Weight: | 742.72 |
| Appearance: | no data available |
| Storage: | keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year |



Biological Description

| | |
|---------------|--|
| Description | Syringaresinol diglucoside (Syringaresinol-di-O-glucoside) protects the animals from the stress-induced decreases in sex behaviours and in rectal temperature, the stress-induced failure of retrieval of memory, and the stress-induced enlargement of adrenal gland. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 50 mg/mL (67.32 mM), Sonication is recommended. Pyridine, Methanol, etc.: Soluble, Ethanol: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 1.3464 mL | 6.732 mL | 13.464 mL |
| 5 mM | 0.2693 mL | 1.3464 mL | 2.6928 mL |
| 10 mM | 0.1346 mL | 0.6732 mL | 1.3464 mL |
| 50 mM | 0.0269 mL | 0.1346 mL | 0.2693 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

The Japanese journal of pharmacognosy 39(3), 238-242, 1985-09-20

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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