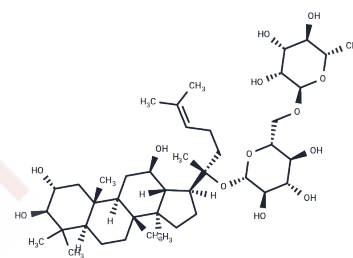


## Gynosaponin TN2

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 77658-95-8  |
| Formula:          | C42H72O13   |
| Molecular Weight: | 785   |
| 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   | Gynosaponin TN-2, demonstrating anti-Parkinsonian activity, mitigates L-DOPA (100 and 200 $\mu$ M)-induced apoptotic cell death in pheochromocytoma 12 cells through the modulation of extracellular signal-regulated protein kinases 1 and 2 activation. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.2739 mL | 6.3694 mL | 12.7389 mL |
| 5 mM  | 0.2548 mL | 1.2739 mL | 2.5478 mL  |
| 10 mM | 0.1274 mL | 0.6369 mL | 1.2739 mL  |
| 50 mM | 0.0255 mL | 0.1274 mL | 0.2548 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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