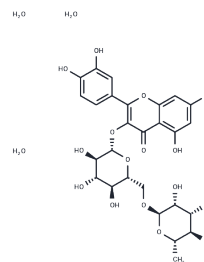


## Rutin trihydrate

### Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 250249-75-3   |
| Formula:          | C <sub>27</sub> H <sub>36</sub> O <sub>19</sub>   |
| Molecular Weight: | 664.56  |
| 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   | Rutin (Rutoside) trihydrate, a natural flavonoid glycoside, exhibits multifaceted therapeutic properties, including antioxidant, anti-inflammatory, anti-diabetic, and anti-carcinogenic activities. Additionally, it has demonstrated cardioprotective and neuroprotective effects [1] [2] [3]. |
| Targets(IC50) | Apoptosis,Others,Endogenous Metabolite   |

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.5048 mL | 7.5238 mL | 15.0476 mL |
| 5 mM  | 0.301 mL  | 1.5048 mL | 3.0095 mL  |
| 10 mM | 0.1505 mL | 0.7524 mL | 1.5048 mL  |
| 50 mM | 0.0301 mL | 0.1505 mL | 0.301 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481