

## Genistin, Genistein glycoside

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Catalog	Unit
TBI2756-5MG	5 mg
TBI2756-25MG	25 mg

### Product Details

**Formal Name:** Genistein-7-O-beta-D-glucopyranoside

**Molecular Formula:** C<sub>21</sub>H<sub>20</sub>O<sub>10</sub>

**Formula Weight:** 432.38

**CAS Number:** 529-59-9

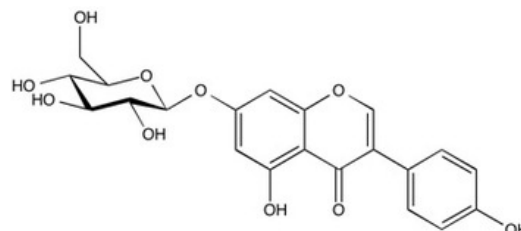
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 10 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Genistein glycoside

### Functions

A novel selective inhibitor of terminal deoxyribonucleotidyl-transferase. Disrupts cell cycle and induces apoptosis in human ovarian cancer SK-OV-3 cells. Inhibits UV light-induced plasmid DNA damage and cell growth in human melanoma cells.

### Application Procedures

First dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 week.

**For research use only.**