

Daidzein, Phytoestrogen

Catalog	Unit
TBI2688-50MG	50 mg
TBI2688-250MG	250 mg

Product Details

Formal Name: 7-hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one

Alternate Names: 4',7-Dihydroxyisoflavone

Molecular Formula: C₁₅H₁₀O₄

Formula Weight: 254.2

CAS Number: 486-66-8

Purity: ≥95%

Formulation: Powder

Solubility: DMF (10 mg/ml), DMSO (30 mg/ml) or Ethanol (0.1 mg/ml)

Storage: -20°C

Stability: ≥ 4 years.

Applications

Phytoestrogen

Functions

Daidzein is used as an antineoplastic agent, a phytoestrogen, a plant metabolite, an alpha-glucosidase (EC 3.2.1.20) inhibitor, and a DNA-directed DNA polymerase (EC 2.7.7.7) inhibitor.

Application Procedures

First dissolved in DMF (10 mg/ml), DMSO (30 mg/ml) or Ethanol (0.1 mg/ml), then diluted to aqueous buffer. Solutions in DMF, DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.