



Product Information

CAS Registry No. 446-72-0

Product Name: Genistein

Catalog No. G1652

Chemical Name: 5,7-Dihydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one

Synonym(s): Prunetol; Genisteol

Mol. formula: C₁₅H₁₀O₅

Formula wt: 270.24

M.p. 297°C-298°C(slight dec.)

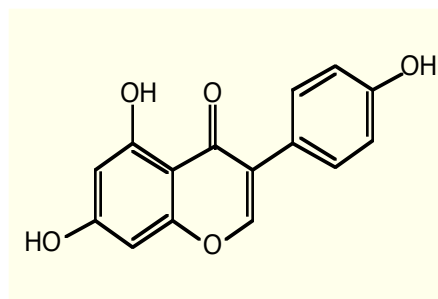
B.p.

Purity: ≥98%

Solubility: Soluble in acetone or ethanol. Insoluble in water.

Stability (in original shipping container):

Storage temp: -20 deg C



Product Description:

An isoflavone with anticancer, antiproliferation, and chemopreventive effects. It induces cell differentiation and inhibits metabolic activation of benzo[a]pyrene. A potent protein tyrosine kinase inhibitor that induces apoptosis.

References:

Chae, Y-H., Ho, D.K., Cassady, J.M., *et al. Chem. Biol. Int.* **82**:181-193 (1992).

Jing, Y., Waxman, S. *Anticancer Res.* **15**: 1147-1152 (1995).

Spinozzi, F., Pagliacci, M.C., Migliorati, G., *et al. Leuk. Res.* **18**:431-439 (1994).

PRICING

100 mg	\$47.00
500 mg	\$169.80
1 g	\$270.90

*Bulk quantity available
upon request*

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Caution: This product is intended for laboratory and research use only. It is not for human or drug use.