

Genistein, Tyrosine kinase inhibitor (pan-specific)

Catalog	Unit
TBI2139-100MG	100 mg
TBI2139-500MG	500 mg

Product Details

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

Alternate Names: 4',5,7-Trihydroxyisoflavone

Molecular Formula: C₁₅H₁₀O₅

Formula Weight: 270.24

CAS Number: 446-72-0

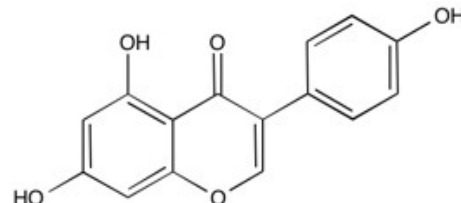
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 4 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

Tyrosine kinase inhibitor (pan-specific)

Functions

A naturally occurring flavonoid with a wide range of biological actions. Inhibits protein tyrosine kinases including epidermal growth factor receptor kinase. Phytoestrogen and agonist at GPR30. Displays cancer chemopreventive activity.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 4 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 week.

For research use only.