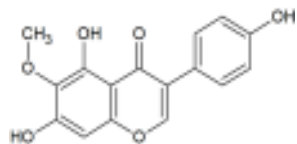


Tectorigenin

ALTERNATE NAME: 5,7-dihydroxy-3-(4-hydroxyphenyl)-6-methoxy-4H-chromen-4-one
Tectorigenine

CATALOG #: B2792-1 1 mg
B2792-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₁₂O₆

MOLECULAR WEIGHT: 300.27

CAS NUMBER: 548-77-6

APPEARANCE: White to orange to green powder

PURITY: ≥98% by HPLC

SOLUBILITY: >50 mg/ml DMSO

DESCRIPTION: Tectorigenin (TEC) is an isoflavone isolated from various medicinal plants. It has been reported to display a variety of biological activities including antitumor and antibacterial effects, free radical neutralization, and selective estrogen receptor modulation. TEC plays a chondroprotective role in the OA (Osteoarthritis) process by preventing articular cartilage degeneration and chondrocyte apoptosis via the NF-κB P65 pathway.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Daidzein (B2906)
Genistin (1535)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*