

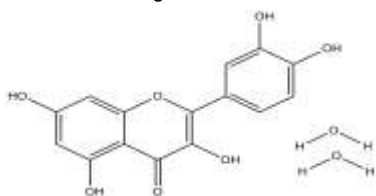
Quercetin, Dihydrate

ALTERNATE NAME: 3,5,7,3',4'-Pentahydroxyflavone

CATALOG #: 1773-250, 1000

AMOUNT: 250 mg, 1 G

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₀O₇·2H₂O

MOLECULAR WEIGHT: 338.27

CAS NUMBER: 6151-25-3

APPEARANCE: Yellow powder

SOLUBILITY: DMSO (100 mM)

PURITY: ≥98% by TLC

STORAGE: Store at -20 °C

DESCRIPTION: A plant-derived flavanoid. Cell-permeable. Inhibits PIM1 kinase (IC₅₀ = 1.1 μM), PI 3-Kinase (IC₅₀ = 3.8 μM) and phospholipase A₂ (IC₅₀ = 2 μM). Also acts as an anti-tumor agent; induces apoptosis and inhibits synthesis of heat shock proteins.

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

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

RELATED PRODUCTS:

- Genistein (Cat. No. 1533-10, 100)
- Genistin (Cat. No. 1535-10)
- Naringenin (Cat. No. 1772-250, 1000)