

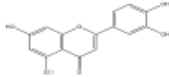
PRODUCT: Luteolin

ALTERNATE NAME: 2-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-4-chromenone; Luteolol; Digitoflavone; Flacitran; Luteoline

CATALOG #: 2005-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₀O₆

MOLECULAR WEIGHT: 286.24

CAS NUMBER: 491-70-3

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (50 mM)

PURITY: ≥98% by TLC

STORAGE: Store at -20 °C. Protect from light.

DESCRIPTION: A flavonoid compound that displays antioxidant, anti-inflammatory and anti-tumor properties. Inhibits LPS-induced TNF-α, IL-6 and inducible nitric oxide production and blocks NF-κB and AP-1 activation. Also acts as a monoamine transporter activator.

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

RELATED PRODUCTS:

Ascorbic Acid Assay Kit (Cat. No. K661-100)
Ascorbic Acid Assay Kit II (FRASC) (Cat. No. K671-100)
Catalase Assay kit (Cat. No. K773-100)
Deferoxamine Mesylate
(-)-Epigallocatechin gallate (Cat. No. 1841-50)
Glutathione (GSH/GSSG Total) Assay Kit (Cat. No. K264-100)
Glutathione Colorimetric Assay Kit (Cat. No. K261-100)
Glutathione Fluorometric Assay Kit (Cat. No. K251-100)
Glutathione Peroxidase Assay Kit (Cat. No. K762-100)
Glutathione Reductase Assay Kit (Cat. No. K761-100)
GST Colorimetric Assay Kit (Cat. No. K263-100)
GST Fluorometric Assay Kit (Cat. No. K263-100)
Hydrogen Peroxide Assay Kit (Cat. No. K265-100)
Nitric Oxide Colorimetric Assay Kit (Cat. No. K263-100)
Nitric Oxide Fluorometric Assay Kit (Cat. No. K252-100)
Piperlongumine (Cat. No. 1919-10, 50)
Piperlonguminine (Cat. No. 1988-10, 50)
Resveratrol (Cat. No. 1758-100, 500)
Rosmarinic Acid (Cat. No. 1843-50, 250)
SOD Activity Assay Kit (Cat. No. K335-100)
Thioredoxin Reductase Assay Kit (Cat. No. K763-100)
Tiliroside (Cat. No. 1879-1,5)
Total Antioxidant Capacity Assay Kit (Cat. No. K274-100)
Uric Acid Assay Kit (Cat. No. K608-100)
Xanthine Oxidase Assay Kit (Cat. No. K710-100)

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in humans

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