

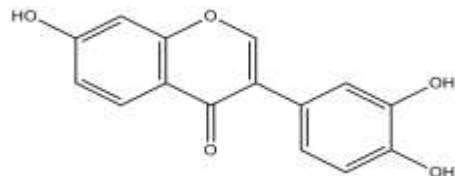
7,3',4'-Trihydroxyisoflavone

ALTERNATE NAME: 3-(3,4-Dihydroxyphenyl)-7-hydroxy-4H-chromen-4-one; 3'-Hydroxydiadzein; THIF; 7,3',4'-THIF

CATALOG #: 1886-25, 100

AMOUNT: 25 mg, 100 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₀O₅

MOLECULAR WEIGHT: 270.24

CAS NUMBER: 485-63-2

APPEARANCE: Off-white solid

SOLUBILITY: DMSO

PURITY: ≥98%

STORAGE: Store at -20 °C

DESCRIPTION: An ATP-competitive inhibitor of Cot and MKK4 that subsequently suppresses UVB-induced COX-2 expression in JB6 P+ mouse epidermal cells.

REFERENCE: Lee, D.E., *et al.* (2011). *J. Biol. Chem.* **286**, 14246-14256.

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:

- 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**)
- (-)-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**)
- 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**)