

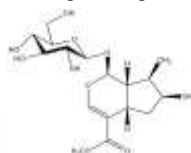
PRODUCT: Loganin

ALTERNATE NAME: Loganoside; 7-Hydroxy-6-desoxyverbenalin; methyl (1S,4aS,6S,7R,7aS)-6-hydroxy-7-methyl-1-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-1,4a,5,6,7,7a-hexahydrocyclopenta[c]pyran-4-carboxylate

CATALOG #: B1161-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₂₆O₁₀

MOLECULAR WEIGHT: 390.4

CAS NUMBER: 18524-94-2

APPEARANCE: White to off-white solid

SOLUBILITY: H₂O

PURITY: ≥98% by HPLC

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

DESCRIPTION: Loganin is an antioxidant and cytochrome P450 substrate. Displays potent free-radical-scavenging activity. Selective β-secretase and COX-1 inhibitor. Shows neuroprotective effects against Aβ(25-35)-induced and hydrogen peroxide-induced cell death. Shows immunostimulatory, hepatoprotective and neuroprotective effects *in vivo*.

REFERENCES: Li, Y., *et al.* (2016). *Int. Immunopharmacol.* **36**, 173-179.

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**)

Caffeic Acid (**Cat. No. 2006-100, 500**)

Carnosic Acid (**Cat. No. 2075-5, 25**)

Catalase Assay kit (**Cat. No. K773-100**)

Deferoxamine Mesylate (**1883-500, 1000**)

(-)-Epigallocatechin gallate (**Cat. No. 1841-50**)

FeTPPS (**Cat. No. 2065-25, 100**)

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**)

Luteolin (**Cat. No. 2005-5, 25**)

MnTBAP Chloride (**Cat. No. 2058-10, 50**)

MnTMPyp Pentachloride (**Cat. No. 2056-10, 50**)

Nitric Oxide Colorimetric Assay Kit (**Cat. No. K263-100**)

Nitric Oxide Fluorometric Assay Kit (**Cat. No. K252-100**)

Piceatannol (**Cat. No. 2072-5, 25**)

Piperlongumine (**Cat. No. 1919-10, 50**)

Piperlonguminine (**Cat. No. 1988-10, 50**)

Pterostilbene (**Cat. No. 2073-5, 25**)

Resveratrol (**Cat. No. 1758-100, 500**)

Rhapontigenin (**Cat. No. 2074-1, 5**)

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**)

Trolox (**Cat. No. 2076-50, 250**)

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**