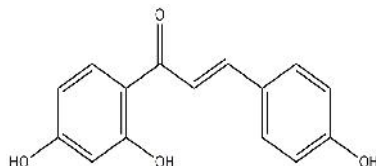


Product: Isoliquiritigenin

ALTERNATE NAME: 1-(2E,4-dihydroxyphenyl)-3-(4-hydroxyphenyl)-2-propen-1-one; GU 17; ISL

CATALOG #: 2528-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₅H₁₂O₄

MOLECULAR WEIGHT: 256.26

CAS No. 961-29-5

APPEARANCE: Yellow to orange solid

SOLUBILITY: DMSO (20 mg/ml)

PURITY: >95% by HPLC

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

DESCRIPTION: Isoliquiritigenin (ISL) is a flavonoid found in licorice root and several other plants. Displays antioxidant, anti-inflammatory, and antitumor activities as well as hepatoprotection against steatosis-induced oxidative stress. Acts as a soluble guanylyl cyclase activator. Also displays chemoprevention by induction of phase 2 enzymes such as quinone reductase, that protect cells against reactive, toxic, and potentially carcinogenic species.

REFERENCES: Cuendet, M., *et al.* (2006). *J. Nat. Prod.* **69**, 460-463.

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

RELATED PRODUCTS:

ABT-869 (Cat. No. 1615-1, 5)
Angiostatin, Human (Cat. No. 4919-100, 500)
Angiostatin, K1-3, Human (Cat. No. 4920-20, 100, 500)
Ascomycin (Cat. No. 1573-2)
BAY 43-9006 (Cat. No. 1594-25, 100)
BAY 43-9006, Free base (Cat. No. 2142-25, 100)
EZSolution™ BAY 43-9006 (Cat. No. 2031-25)
BIBF1120 (Cat. No. 2167-5, 25)
Borrelidin (Cat. No. 2367-250, 1000)
Carbozantinib (Cat. No. 1935-5, 25)
Castanospermine (Cat. No. 2293-10, 50)
Cediranib (Cat. No. 1613-1, 5)
Endostatin, human recombinant (Cat. No. 4759-20, 100, 100)
Alpha-Glucosidase Activity Colorimetric Assay Kit (Cat. No. K690-100)
GW-786034 (Cat. No. 1916-5, 25)
Motesanib (Cat. No. 2022-5, 25)
SU 1498 (Cat. No. 1836-1, 5)
Thiabendazole (Cat. No. 2161-1G)
Tranilast (Cat. No. 1876-10, 50)
668 (Cat. No. 1931-5, 25)
Vandetanib (Cat. No. 1751-25, 100)
Vatalanib, dihydrochloride (Cat. No. 2025-5, 25)
Vatalanib, Free base (Cat. No. 2026-5, 25)

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