

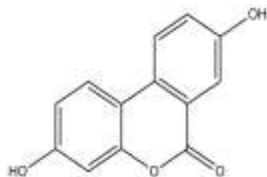
PRODUCT: Urolithin A

ALTERNATE NAME: 3,8-Hydroxydibenzo- α -pyrone; 3,8-Dihydroxyurolithin; 2',7-Dihydroxy-3,4-benzocoumarin; δ -Lactone 2',4,4'-Trihydroxy-2-biphenylcarboxylic Acid

CATALOG #: B1155-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₃H₈O₄

MOLECULAR WEIGHT: 228.20

CAS NUMBER: 1143-70-0

APPEARANCE: Brown Solid

SOLUBILITY: DMSO (>5 mg/ml)

PURITY: \geq 98% by HPLC

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

DESCRIPTION: Urolithin A is generated by gut microflora as a natural metabolite of ellagitannins, a class of compounds found in the pomegranate and other fruits and nuts. Oral administration of urolithin A leads to an improved mitochondrial function by stimulating mitophagy, a process by which damaged mitochondria are recycled to permit a renewal with healthy mitochondria.

REFERENCES: Ryu, D., *et al.* (2016). *Nat. Med.* **22**, 879-888

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

RELATED PRODUCTS:

Amiodarone Hydrochloride (Cat. No. 1828-100, 500)

ATM Kinase Inhibitor, KU-55933 (Cat. No. 1685-5)

Bafilomycin A1 (cat. No. 1829-50, 250)

Chloroquine diphosphate (Cat. No. 1825-100, 500)

Dorsomorphin (Cat. No. 1686-5)

Go6976 (Cat. No. 1711-500)

EZSolution™ Go6976 (Cat. No. 1785-500)

3-Methyladenine (Cat. No. 2249-25, 100)

SMER28 (Cat. No. 1856-5, 25)

Spautin-1 (Cat. No. 2037-5, 25)

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