

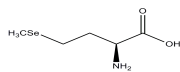
PRODUCT: L-Selenomethionine

ALTERNATE NAME: (S)-2-Amino-4-(methylseleno)butyric Acid; SeMet

CATALOG #: 2408-100, 500, 1000

AMOUNT: 100 mg, 500 mg, 1 g

STRUCTURE:



MOLECULAR FORMULA: C₅H₁₁NO₂Se

MOLECULAR WEIGHT: 196.11

CAS NUMBER: 3211-76-5

APPEARANCE: White to off-white solid

SOLUBILITY: H₂O (~50 mg/ml)

PURITY: ≥98% (titration)

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

DESCRIPTION: A potent antioxidant that enhances the activity of glutathione peroxidase in endothelial cells. It induces p53-mediated cell cycle arrest and apoptosis in human colon cancer cells.

REFERENCE: Goel, A., *et al.* (2006). *Cancer Biology & Therapy* **5**, 529-535; Nyman, D.W., *et al.* (2004). *Cancer Epidemiology* **28**, 8-16.

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 USE ONLY! Not to be used in humans.*