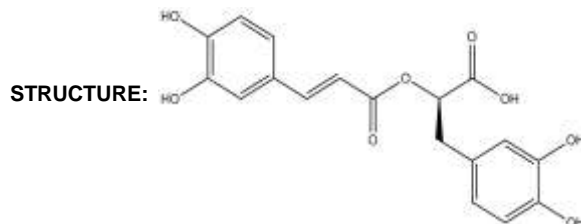


## Rosmarinic Acid

**ALTERNATE NAME:** Rosemary acid; Benzenepropanoic acid, alpha-((3-(3,4-dihydroxyphenyl)-1-oxo-2-propenyl)oxy)-3,4-dihydroxy-; (2S)-3-(3,4-dihydroxyphenyl)-2-[3-(3,4-dihydroxyphenyl)prop-2-enoyloxy]propanoic acid

**CATALOG #:** 1843-50, 250

**AMOUNT:** 50 mg, 250 mg



**MOLECULAR FORMULA:** C<sub>18</sub>H<sub>16</sub>O<sub>8</sub>

**MOLECULAR WEIGHT:** 360.31

**CAS NUMBER:** 20283-92-5

**APPEARANCE:** Beige solid

**SOLUBILITY:** DMSO or Ethanol

**PURITY:** ≥95% by HPLC

**STORAGE:** Store at -20 °C

**DESCRIPTION:** A natural polyphenolic antioxidant carboxylic acid found in many Lamiaceae herbs. Displays anti-inflammatory, cytostatic and antiviral activities. Inhibits several complement-dependent inflammatory processes *via* inhibition of the C5 convertase.

**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**)
- Catalase Assay kit (**Cat. No. K773-100**)
- (-)-Epigallocatechin gallate (**Cat. No. 1841-50**)
- Ethanol Assay Kit (**Cat. No. K620-100**)
- 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**)
- Lactacystin (**Cat. No. 1709-200**)
- *Clasto*-Lactacystin β-Lactone (**Cat. No. 1710-100**)
- MG-115 (**Cat. No. 1831-1,5**)
- MG-132 (**Cat. No. 1703-5**)
- EZSolution™ MG-132 (**Cat. No. 1791-5**)
- Nitric Oxide Colorimetric Assay Kit (**Cat. No. K263-100**)
- Nitric Oxide Fluorometric Assay Kit (**Cat. No. K252-100**)
- Resveratrol (**Cat. No. 1758-100, 500**)
- SOD Activity Assay Kit (**Cat. No. K335-100**)
- Thioredoxin Reductase Assay Kit (**Cat. No. K763-100**)
- 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**)