



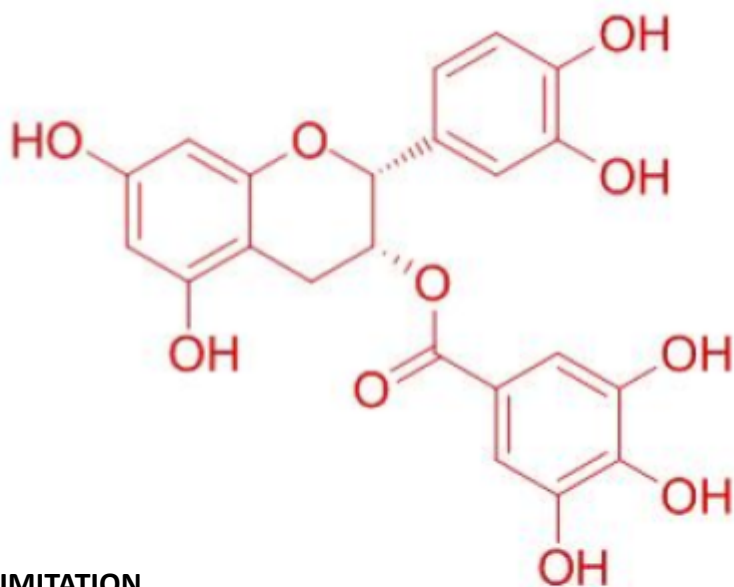
# (-)-Epicatechin gallate

Cat# C011825S

store at 2-8°C.

## INFORMATION

|                                   |   |
|-----------------------------------|---|
| Size                              | 20mg  |
| Applications                      | Chemicals>Natural Products  |
| M.F                               | C22H18O10   |
| Physical Description              | White powder  |
| Purity                            | >=98%   |
| M.W                               | 154.25  |
| Synonyms                          | (2R,3R)-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-3,4-dihydro-2H-chromen-3-yl 3,4,5-trihydroxybenzoate.   |
| Storage Stability                 | 2-8°C, Protected from air and light, refrigerate or freeze.   |
| Solvent                           | Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.   |
| Source                            | The wood of <i>Acacia catechu</i> (L.F.) Willd.   |
| HPLC Method                       | Mobile phase: Methanol - 0.1%Phosphoric acid H2O, gradient elution;<br>Flow rate: 1.0 ml/min;Column temperature: Room Temperature;<br>The wave length of determination: 280 nm. |
| Intended Use                      | 1. Reference standards;<br>2. Pharmacological research;<br>3. Synthetic precursor compounds;<br>4. Intermediates & Fine Chemicals;<br>5. Others.                                |
| Biological Activity or Inhibitors | (-)-Epicatechin gallate has antioxidative effect against lipid peroxidation when phospholipid bilayers are exposed to aqueous oxygen radicals.                                  |



## PRODUCT USE LIMITATION