

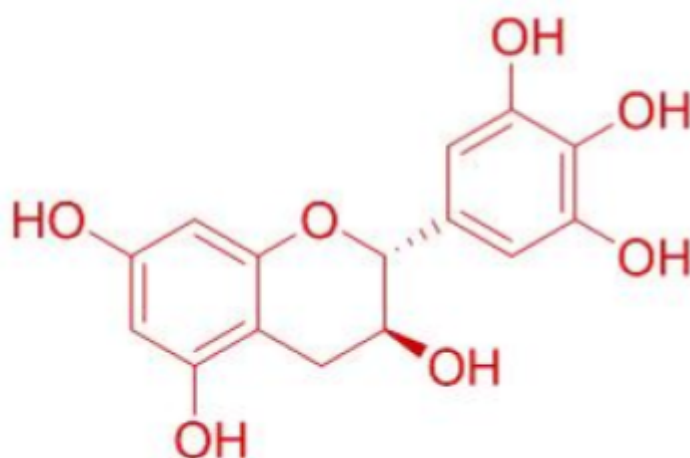
(+)-Gallocatechin

Cat# C012856S

store at at 2-8°C.

INFORMATION

Size	20mg
Applications	Chemicals>Natural Products
M.F	C ₁₅ H ₁₄ O ₇
Physical Description	White powder
Purity	> 98%
M.W	306.27
Synonyms	(2R,3S)-2-(3,4,5-trihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol.
Storage Stability	2-8°C, Protected from air and light, refrigerate or freeze.
Solvent	Pyridine, Alcohol, Methanol, H ₂ O, etc.
Source	The wood of Acacia catechu (L.F.) Willd.
HPLC Method	Mobile phase: Acetonitrile- 50 mM Phosphate buffer(pH 2.5),gradient elution ; Flow rate: 1.0 ml/min;Column temperature: Room Temperature;The wave length of determination: 210 nm.
Intended Use	1. Reference standards; 2. Pharmacological research; 3. Synthetic precursor compounds; 4. Intermediates & Fine Chemicals; 5. Others.
Biological Activity or Inhibitors	1)(+)-Gallocatechin,isolated from the MeOH-extract of guava leaves, as a bio-antimutagenic compound against UV-induced mutation in Escherichia coli. 2)(+)-Gallocatechin is potent in scavenging Fremy's salt, a synthetic free radical, it possesses antioxidant capacities that is higher or comparable to that of ascorbic acid or Trolox.



PRODUCT USE LIMITATION