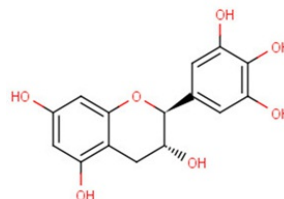


Product Name : (-)-Gallocatechin
Synonyms : (-)-Gallocatechin; AK-64755; J-500978; Q100410; Q 100410
Cat No. : M18436
CAS Number : 3371-27-5
Molecular Formula : C₁₅H₁₄O₇
Formula Weight : 306.27
Chemical Name : (2S,3R)-2-(3,4,5-trihydroxyphenyl)chromane-3,5,7-triol



Description : (-)-Gallocatechin is an HIV integrase, RT, and α -amylase inhibitor found in *Camilla sinensis*. It exhibits several biological activities, including decreasing absorption of carbohydrates, upregulating expression of IL-2, downregulating expression of IL-10 and TNF- α , and inhibiting osteoclast differentiation.

Pathway : Nuclear Receptor/Transcription Factor

Target : Keap1-Nrf2

Receptor : Others

Solubility : —

SMILES : C1[C@H]([C@@H](Oc2cc(cc(c12)O)O)c1cc(c(c(c1)O)O)O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Takagaki A, et al. Biotransformation of (-)-epigallocatechin and (-)-gallocatechin by intestinal bacteria involved in isoflavone metabolism. *Biol Pharm Bull.* 2015;38(2):325-30.