



938 South Andreasen Drive, Suite E
Escondido, CA 92029 USA

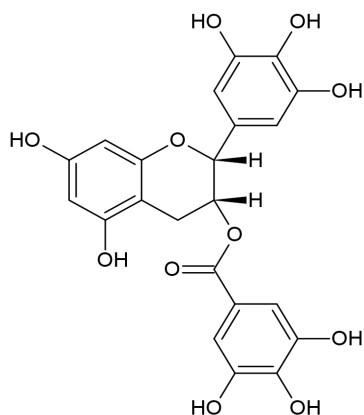
Phone: +1-760-738-1508
Fax: +1-760-738-1530
info@auroramedbiochem.com
www.auroramedbiochem.com

(-)-Epigallocatechin Gallate

ALTERNATE NAME: 1[(2*R*,3*R*)-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-3,4-dihydro-2*H*-chromen-3-yl] 3,4,5-trihydroxybenzoate

CATALOG #: AUR10365

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₁₈O₁₁

MOLECULAR WEIGHT: 458.4

CAS#: 989-51-5

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>30 mg/ml) or water (>20 mg/ml)

PURITY: ≥97% by HPLC

STORAGE: Store at -20° C; Protect from air and light

DESCRIPTION: (-)-Epigallocatechin Gallate is a tea flavonoid with potent antioxidant, antiinflammatory, and anticarcinogenic properties. (-)-Epigallocatechin Gallate is reported to inhibit EGFR signaling and thereby exert anticancer effects. (-)-Epigallocatechin Gallate (EGCG) also acts as a glutamate dehydrogenase 1/2 (GDH1/2, GLUD1/2) inhibitor.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure