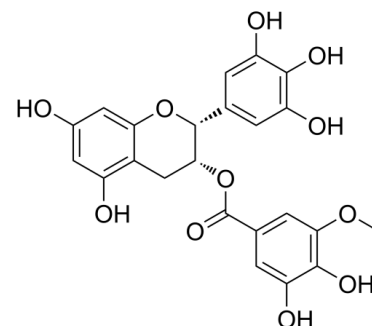


Data Sheet

Product Name:	(-)-Epigallocatechin-3-(3"-O-methyl) gallate
Cat. No.:	CS-0019551
CAS No.:	83104-87-4
Molecular Formula:	C ₂₃ H ₂₀ O ₁₁
Molecular Weight:	472.40
Target:	Others
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

(-)-Epigallocatechin-3-(3"-O-methyl) gallate is a natural product isolated from the tea leaf, with strong antioxidative activity. (-)-Epigallocatechin-3-(3"-O-methyl) gallate has a strong cytotoxic activity for rat cancer cells^[1].

References:

[1]. Kawase M, et al. Antioxidative activity of (-)-epigallocatechin-3-(3"-O-methyl)gallate isolated from fresh tea leaf and preliminary results on its biological activity. Biosci Biotechnol Biochem. 2000 Oct;64(10):2218-20.

CAIndexNames:

Benzoic acid, 3,4-dihydroxy-5-methoxy-, (2R,3R)-3,4-dihydro-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-2H-1-benzopyran-3-yl ester

SMILES:

O=C(O[C@H]1[C@@H](C2=CC(O)=C(O)C(O)=C2)OC3=CC(O)=CC(O)=C3C1)C4=CC(OC)=C(O)C(O)=C4

Caution: Product has not been fully validated for medical applications. For research use only.

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