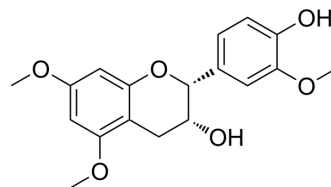


5,7,3'-Tri-O-methyl (-)-epicatechin

Cat. No.:	HY-N1773
CAS No.:	97914-19-7
Molecular Formula:	C ₁₈ H ₂₀ O ₆
Molecular Weight:	332.35
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5,7,3'-tri-O-Methyl (-)-epicatechin (Compound 13) is a phospholipase C γ 1 (PLC γ 1) inhibitor. 5,7,3'-tri-o-methyl (-)-epicatechin has a methylene dioxy benzene ring and can express inhibitory activity against PLC γ 1. 5,7,3'-tri-O-Methyl (-)-epicatechin can be used in the study of chemotherapy and chemopexic agents for cancer [1].

REFERENCES

[1]. Lee JS, et al. Inhibition of phospholipase C γ 1 and cancer cell proliferation by lignans and flavans from *Machilus thunbergii*. Arch Pharm Res. 2004 Oct;27(10):1043-7

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

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