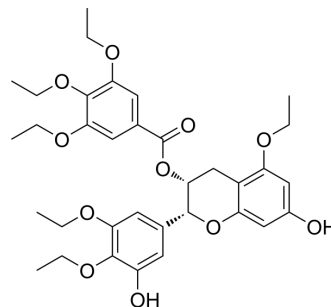


5,3',4',3'',4'',5''-6-O-Ethyl-EGCG

Cat. No.:	HY-157444
CAS No.:	1613308-63-6
Molecular Formula:	C ₃₄ H ₄₂ O ₁₁
Molecular Weight:	626.69
Target:	HIF/HIF Prolyl-Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5,3',4',3'',4'',5''-6-O-Ethyl-EGCG (Y6) is a potent adjuvant obtained by optimization of the structure of EGCG. 5,3',4',3'',4'',5''-6-O-Ethyl-EGCG (Y6) decreases the expression of HIF-1 α and CBR1 at both the mRNA and protein levels^[1].

REFERENCES

[1]. Huan Zhou, et al. The epigallocatechin gallate derivative Y6 reduces the cardiotoxicity and enhances the efficacy of daunorubicin against human hepatocellular carcinoma by inhibiting carbonyl reductase 1 expression. *J Ethnopharmacol.* 2020 Oct 28;261:113118.

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

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