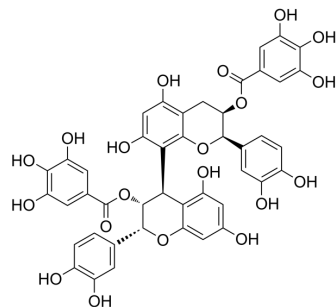


Procyanidin B2 3,3'-di-O-gallate

Cat. No.:	HY-N9790
CAS No.:	79907-44-1
Molecular Formula:	C ₄₄ H ₃₄ O ₂₀
Molecular Weight:	882.73
Target:	Notch
Pathway:	Neuronal Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Procyanidin B2, 3,3'-di-O-gallate is an active constituent. Procyanidin B2, 3,3'-di-O-gallate can be isolated from grape seed extract (GSE) procyanidin mix. Procyanidin B2, 3,3'-di-O-gallate target cancer stem cells (CSCs) in prostate cancer (PCa). Procyanidin B2, 3,3'-di-O-gallate targets both unsorted and sorted CSCs at lower doses. Procyanidin B2, 3,3'-di-O-gallate strongly suppresses the constitutive as well as Jagged1 (Notch1 ligand)-induced activated Notch1 pathway^[1].

REFERENCES

[1]. Tyagi A, Kumar S, Raina K, Wempe MF, Maroni PD, Agarwal R, Agarwal C. Differential effect of grape seed extract and its active constituent procyanidin B2 3,3'-di-O-gallate against prostate cancer stem cells. *Mol Carcinog*. 2019 Jul;58(7):1105-1117.

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

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