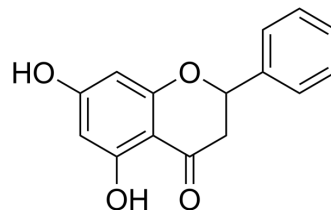


(±)-Pinocembrin

Cat. No.:	HY-N2540
CAS No.:	68745-38-0
Molecular Formula:	C ₁₅ H ₁₂ O ₄
Molecular Weight:	256.25
Target:	Free Fatty Acid Receptor
Pathway:	GPCR/G Protein
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	(±)-Pinocembrin ((±)-5,7-Dihydroxyflavanone) is a GPR120 ligand able to promote wound healing in HaCaT cell line ^[1] .
In Vitro	(±)-Pinocembrin shows wound-healing effect (EC ₅₀ =0.07 μM), probably involves other mechanisms besides GPR120 activation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mazzotta S, et al. Pinocembrin and its linolenoyl ester derivative induce wound healing activity in HaCaT cell line potentially involving a GPR120/FFA4 mediated pathway. *Bioorg Chem.* 2021;108:104657.

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

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