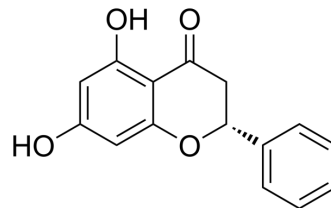


(-)-Pinocembrin

Cat. No.:	HY-135453
CAS No.:	206660-42-6
Molecular Formula:	C ₁₅ H ₁₂ O ₄
Molecular Weight:	256.25
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(-)-Pinocembrin exhibits anti-mycobacterium activity against mycobacterium tuberculosis H37Ra with an IC₅₀ value of 1.11 mg/mL in dormant phase and 1.21 mg/mL in active phase, respectively. (-)-Pinocembrin has potent antiproliferative activity with IC₅₀ values of 1.88-11.00 mg/mL against THP-1, A549, Panc-1, HeLa and MCF7 cell lines^[1].

REFERENCES

[1]. Madhukar S Said, et al. A new butenolide cinnamate and other biological active chemical constituents from *Polygonum glabrum*. Nat Prod Res. 2015;29(22):2080-6.

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

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