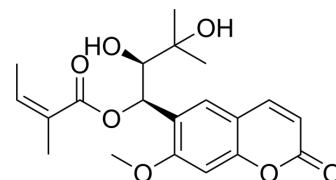


Angelol G

Cat. No.:	HY-N8850
CAS No.:	83199-38-6
Molecular Formula:	C ₂₀ H ₂₄ O ₇
Molecular Weight:	376.4
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Angelol G, a coumarin, can be isolated from <i>Campylotropis hirtella</i> . Angelol G shows inhibitory activity for prostate specific antigen (PSA) IC ₅₀ value of 152.1 μM. Angelol G can be used for the research of benign prostate hyperplasia (BPH) ^[1] .
IC₅₀ & Target	IC ₅₀ : 152.1 μM (PSA secretion) ^[1]
In Vitro	Angelol G shows inhibitory activity for prostate specific antigen (PSA) secretion with an IC ₅₀ value of 152.1 μM in LNCaP cells [1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hui-Ying Han, et al. Coumarins from *campylotropis hirtella* (FRANCH.) SCHINDL. and their inhibitory activity on prostate specific antigen secreted from LNCaP cells. *Chem Pharm Bull (Tokyo)*. 2008 Sep;56(9):1338-41.

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

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