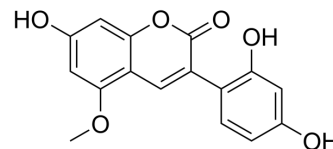


7,2',4'-Trihydroxy-5-methoxy-3-arylcoumarin

Cat. No.:	HY-N2733
CAS No.:	1092952-62-9
Molecular Formula:	C ₁₆ H ₁₂ O ₆
Molecular Weight:	300.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	7,2',4'-Trihydroxy-5-methoxy-3-arylcoumarin is a coumarin, that can be isolated from campylotropis hirtella (FRANCH.) SCHINDL. 7,2',4'-Trihydroxy-5-methoxy-3-arylcoumarin inhibits PSA secretion in LNCaP cells, with an IC ₅₀ of 24.2 µg/mL ^[1] .
In Vitro	7,2',4'-Trihydroxy-5-methoxy-3-arylcoumarin shows the proliferation inhibitory effects on LNCaP cells, with an IC ₅₀ of 61.2 µg/mL ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Han HY, 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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