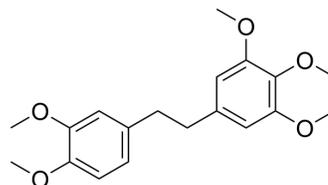


Chrysotobibenzyl

Cat. No.:	HY-122552
CAS No.:	108853-09-4
Molecular Formula:	C ₁₉ H ₂₄ O ₅
Molecular Weight:	332.39
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Chrysotobibenzyl can be isolated from stem of *Dendrobium pulchellum*. Chrysotobibenzyl inhibits lung cancer cell (H460 and H292) migration, invasion, filopodia formation via Cav-1, integrins $\beta 1$, $\beta 3$, and αv , and EMT suppressions. Chrysotobibenzyl also sensitizes lung cancer cell death mediated by Cisplatin (HY-17394)^[1].

REFERENCES

[1]. Petpiroon N, et al. Chrysotobibenzyl inhibition of lung cancer cell migration through Caveolin-1-dependent mediation of the integrin switch and the sensitization of lung cancer cells to cisplatin-mediated apoptosis. *Phytomedicine*. 2019 May;58:152888.

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

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