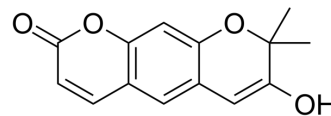


3'-Hydroxyxanthyletin

Cat. No.:	HY-N9531
CAS No.:	165900-08-3
Molecular Formula:	C ₁₄ H ₁₂ O ₄
Molecular Weight:	244.24
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3'-Hydroxyxanthyletin is a coumarin compound with antimycobacterial activities ^{[1][2]} .
In Vitro	3'-Hydroxyxanthyletin against <i>Mycobacterium tuberculosis</i> H ₃₇ R _y in vitro with a MIC value of 16 µg/mL ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Li-Wen Chen, et al. Secondary metabolites and antimycobacterial activities from the roots of *Ficus nervosa*. *Chem Biodivers*. 2010 Jul;7(7):1814-21.
- [2]. Satyajit D.Sarker, et al. An alkaloid, coumarins and a triterpene from *Boronia algida*. *Phytochemistry*. Volume 39, Issue 4, July 1995, Pages 801-804.

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

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