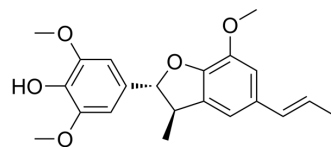


Maceneolignan A

Cat. No.:	HY-N12116
CAS No.:	1967042-42-7
Molecular Formula:	C ₂₁ H ₂₄ O ₅
Molecular Weight:	356.41
Target:	TNF Receptor
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Maceneolignan A is a natural product that can be isolated from mace, the aril of *Myristica fragrans* (Myristicaceae). Maceneolignan A inhibits the release of β -hexosaminidase in RBL-2H3 cells, with an IC₅₀ of 48.4 μ M. Maceneolignan A inhibits the release of TNF- α in antigen stimulated RBL-2H3 cells, with an IC₅₀ of 63.7 μ M^[1].

REFERENCES

[1]. Morikawa T, et al. Degranulation inhibitors from the arils of *Myristica fragrans* in antigen-stimulated rat basophilic leukemia cells. *J Nat Med*. 2018 Mar;72(2):464-473.

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

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