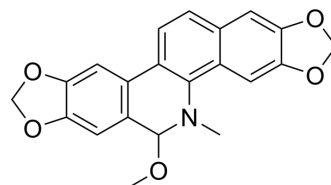


6-Methoxydihydroavicine

Cat. No.:	HY-N4228
CAS No.:	151890-26-5
Molecular Formula:	C ₂₁ H ₁₇ NO ₅
Molecular Weight:	363.36
Target:	Platelet-activating Factor Receptor (PAFR)
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	6-Methoxydihydroavicine is an alkaloid isolated from <i>Zanthoxylum integrifolium</i> . 6-Methoxydihydroavicine has antiplatelet activities and inhibits AA-, collagen- and PAF-induced platelet aggregation in vitro ^[1] .
IC ₅₀ & Target	IC50: platelet aggregation induced by AA-, collagen- and PAF ^[1]

REFERENCES

[1]. F N Ko, et al. Inhibition of collagen-induced platelet aggregation and adhesion by a pseudocyanide derivative of avicine isolated from *Zanthoxylum integrifolium* Merr. *Biochem Pharmacol.* 1993 Oct 5;46(7):1165-73.

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

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