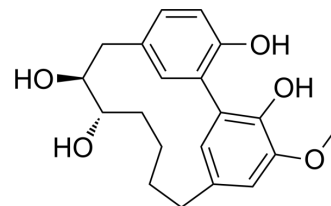


Myricananin A

Cat. No.:	HY-N3226
CAS No.:	1079941-35-7
Molecular Formula:	C ₂₀ H ₂₄ O ₅
Molecular Weight:	344.4
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Myricananin A is a colorless needle that has inhibitory effect on iNOS ^[1] .	
In Vitro	Myricananin A (0-100 μM; 24 h) inhibits the expression of iNOS in LPS-activated macrophages with dose-dependent manner ^[1] .	
	MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Western Blot Analysis ^[1]	
	Cell Line:	LPS-activated macrophages.
	Concentration:	0, 1, 3, 10, 30 and 100 μM.
	Incubation Time:	24 h.
	Result:	Inhibited the expression of iNOS.

REFERENCES

[1]. Wang J, et al. Cyclic diarylheptanoids from *Myrica nana* inhibiting nitric oxide release. *Bioorg Med Chem*. 2008 Sep 15;16(18):8510-5.

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

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