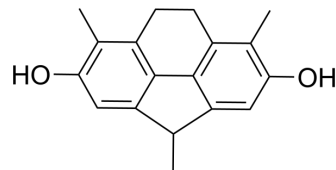


Juncutol

Cat. No.:	HY-133098
CAS No.:	1021950-14-0
Molecular Formula:	C ₁₈ H ₁₈ O ₂
Molecular Weight:	266.33
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Juncutol is a potent inducible nitric oxide synthase (iNOS) inhibitor. Juncutol decreases the LPS (HY-D1056)-stimulated iNOS protein expression ^[1] .
In Vitro	Juncutol (compound 1) (10 μM) decreases the iNOS protein expression of LPS (HY-D1056)-stimulated RAW264.7 Macrophage Cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Behery FA, et al. Phenanthrenoids from *Juncus acutus* L., new natural lipopolysaccharide-inducible nitric oxide synthase inhibitors. *Chem Pharm Bull (Tokyo)*. 2007 Aug;55(8):1264-6.

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

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