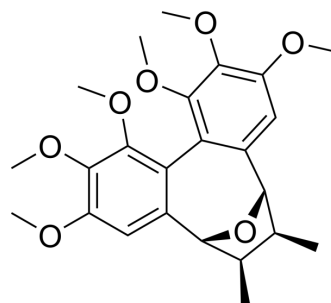


Kadsulignan N

Cat. No.:	HY-N8641
CAS No.:	163564-58-7
Molecular Formula:	C ₂₄ H ₃₀ O ₇
Molecular Weight:	430.49
Target:	HIV; COX
Pathway:	Anti-infection; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Kadsulignan N, a natural product has anti-HIV activity (EC ₅₀ : 43.56 μM). Kadsulignan N is also a COX-2 ligand (K _i : 72.24 nM) ^[1] ^[2] .
IC ₅₀ & Target	COX-2
In Vitro	Kadsulignans N shows weak inhibitory activitie against COX-2, with IC ₅₀ value of 600.54 μM ^[2] MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Gao XM, et al. Lignans from Kadsura angustifolia. J Nat Prod. 2008 Apr;71(4):558-63.
- [2]. Zhang XY, et al. Discovery of cyclooxygenase-2 inhibitors from Kadsura coccinea by affinity ultrafiltration mass spectrometry and the anti-inflammatory activity. Fitoterapia. 2021 Jun;151:104872.

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

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