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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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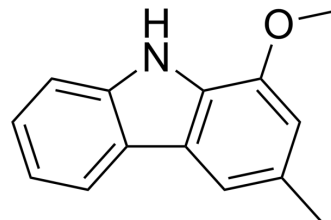
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Murrayafoline A

Cat. No.:	HY-W100287
CAS No.:	4532-33-6
Molecular Formula:	C ₁₄ H ₁₃ NO
Molecular Weight:	211.26
Target:	NF-κB; p38 MAPK
Pathway:	NF-κB; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Murrayafoline A is a carbazole alkaloid that can be extracted from *Murraya tetramera*. Murrayafoline A directly targets Specificity protein 1 (Sp1), thereby inhibiting NF-κB and MAPK signaling pathways. Murrayafoline A has anti-neuroinflammatory activity^[1].

REFERENCES

[1]. Li CH, et al. Natural carbazole alkaloid murrayafoline A displays potent anti-neuroinflammatory effect by directly targeting transcription factor Sp1 in LPS-induced microglial cells. *Bioorg Chem.* 2022 Dec;129:106178.

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

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