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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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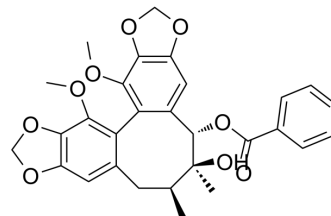
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Schisantherin D

Cat. No.:	HY-N7543
CAS No.:	64917-82-4
Molecular Formula:	C ₂₉ H ₂₈ O ₉
Molecular Weight:	520.53
Target:	HIV
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	Schisantherin D is a dibenzocyclooctadiene lignan isolated from the fruit of <i>Schisandra sphenanthera</i> . Schisantherin D shows anti-HIV replication activities with an EC ₅₀ of 0.5 µg/mL. Schisantherin D inhibits endothelin receptor B (ETBR) and has hepatoprotective effects ^{[1][2]} .
IC₅₀ & Target	EC ₅₀ : 0.5 µg/mL (HIV) ^[1]

REFERENCES

- [1]. D F Chen, et al. Two new lignans, interiotherins A and B, as anti-HIV principles from *Kadsura interior*. *J Nat Prod.* 1996 Nov;59(11):1066-8.
- [2]. Jin-Biao Xu, et al. Lignans from *Schisandra chinensis* ameliorate alcohol and CCl₄-induced long-term liver injury and reduce hepatocellular degeneration via blocking ETBR. *J Ethnopharmacol.* 2020 Aug 10;258:112813.

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

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