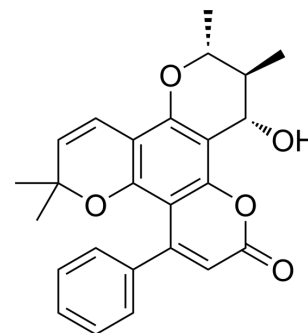


Inophyllum B

Cat. No.:	HY-142074
CAS No.:	41135-06-2
Molecular Formula:	C ₂₅ H ₂₄ O ₅
Molecular Weight:	404.46
Target:	Reverse Transcriptase; HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Inophyllum B ((+)-Inophyllum B) is a potent HIV Reverse Transcriptase inhibitor with an IC ₅₀ value of 38 nM. Inophyllum B inhibits HIV-1 (IC ₅₀ =1.4 μM) in vitro cell culture. Inophyllum B can be isolated from the acetone extract of the giant African snail, <i>Achatina fulica</i> ^[1] .	
IC₅₀ & Target	HIV-1 1.4 μM (IC ₅₀)	Reverse Transcriptase 38 nM (IC ₅₀)

REFERENCES

[1]. Patil AD, et al. The inophyllums, novel inhibitors of HIV-1 reverse transcriptase isolated from the Malaysian tree, *Calophyllum inophyllum* Linn. *J Med Chem.* 1993 Dec 24;36(26):4131-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA