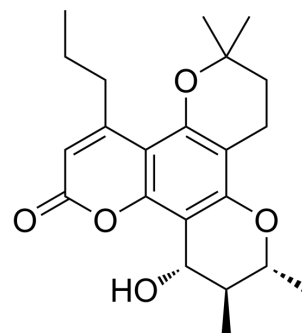


(+)-Dihydrocalanolide A

Cat. No.:	HY-142073
CAS No.:	183904-53-2
Molecular Formula:	C ₂₂ H ₂₈ O ₅
Molecular Weight:	372.45
Target:	Reverse Transcriptase; HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(+)-Dihydrocalanolide A (DHCAl A; NSC 678323) is an orally active nonnucleoside inhibitor of Reverse Transcriptase. (+)-Dihydrocalanolide A can be used to HIV infection research ^[1] .
In Vivo	(+)-Dihydrocalanolide A (25 mg/kg; p.o.; single dose) shows good pharmacokinetic parameters, with oral bioavailability in CD2F1 mice of 64% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Newman RA, et al. Pharmaceutical properties of related calanolide compounds with activity against human immunodeficiency virus. J Pharm Sci. 1998 Sep;87(9):1077-80.

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

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