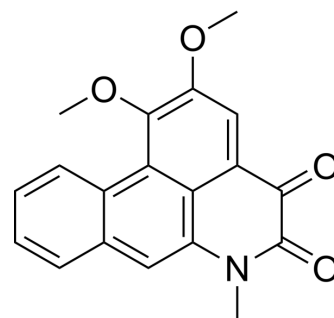


Cepharadione B

Cat. No.:	HY-123898
CAS No.:	55610-02-1
Molecular Formula:	C ₁₉ H ₁₅ NO ₄
Molecular Weight:	321.33
Target:	Endogenous Metabolite; Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cepharadione B (compound 22) is a natural compound isolated from the leaves of *Piper sanctum*. Cepharadione B is a tyrosinase inhibitor with an IC₅₀ value of 170 μM, and inhibits cell growth in A-549, SK-OV-3, SK-MEL-2, XF-498 and HCT-15 cells^{[1][2][3]}.

REFERENCES

- [1]. Mata R, et al. Antimycobacterial compounds from *Piper sanctum*. *J Nat Prod.* 2004;67(12):1961-1968.
- [2]. Kim SK, et al. Cytotoxic alkaloids from *Houttuynia cordata*. *Arch Pharm Res.* 2001;24(6):518-521.
- [3]. Chou SC, et al. The constituents and their bioactivities of *Houttuynia cordata*. *Chem Pharm Bull (Tokyo).* 2009;57(11):1227-1230.

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