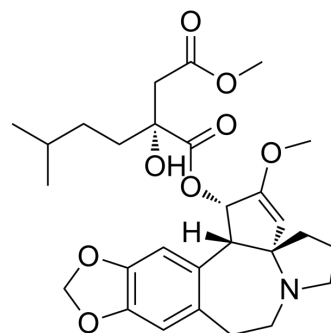


Deoxyharringtonine

Cat. No.:	HY-133900
CAS No.:	36804-95-2
Molecular Formula:	C ₂₈ H ₃₇ NO ₈
Molecular Weight:	515.6
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Deoxyharringtonine is an alkaloid isolated from Cephalotaxus genus with significant anti-leukemic activity ^[1] .
In Vitro	Deoxyharringtonine acts on P388 leukemia cells with the IC ₅₀ value of 7.5 ng/mL. In addition, it has strong cytotoxic activity against hematopoietic cell lines such as HL-60, HL-60/RV+, JURKAT, ALL3, NCEB1, JEKO, MOLT-3, etc ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Joseph D Eckelbarger, et al. Synthesis of antiproliferative Cephalotaxus esters and their evaluation against several human hematopoietic and solid tumor cell lines: uncovering differential susceptibilities to multidrug resistance. Chemistry. 2008;14(14):4293-306.

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

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