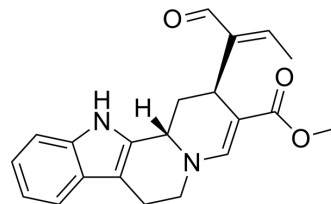


Vallesiachotamine

Cat. No.:	HY-N11479
CAS No.:	5523-37-5
Molecular Formula:	C ₂₁ H ₂₂ N ₂ O ₃
Molecular Weight:	350.41
Target:	Apoptosis; Necroptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Vallesiachotamine, a known monoterpene indole alkaloid, possesses anti-tumor activity ^[1] .
In Vitro	Vallesiachotamine induces G0/G1 arrest and increased the proportion of sub-G1 hypodiploid cells (at 11 μM and 22 μM) and this effect is not dependent on time of incubation. Vallesiachotamine acts by promoting G0/G1 cell cycle arrest, apoptosis and necrosis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Paula R O Soares, et al. In vitro antiproliferative effects of the indole alkaloid vallesiachotamine on human melanoma cells. Paula R O Soares. 2012 Mar;35(3):565-71.

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

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