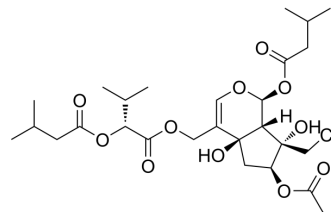


Volvaltrate B

Cat. No.:	HY-133800
CAS No.:	1181224-13-4
Molecular Formula:	C ₂₇ H ₄₁ ClO ₁₁
Molecular Weight:	577.06
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Volvaltrate B is an anticancer agent, iridoid, can be obtained from the root of valerian (*Valeriana officinalis*). Volvaltrate B is effective against ovarian tumors in female mice. Volvaltrate B has the potential to study cancer^{[1][2]}.

REFERENCES

[1]. Tan YZ, et al. Iridoids from *Valeriana jatamansi* induce autophagy-associated cell death via the PDK1/Akt/mTOR pathway in HCT116 human colorectal carcinoma cells. *Bioorg Chem.* 2019 Jun;87:136-141.

[2]. Wang PC, et al. Iridoids and sesquiterpenoids from the roots of *Valeriana officinalis*. *J Nat Prod.* 2009 Sep;72(9):1682-5.

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

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