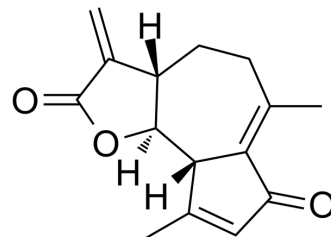


Dehydroleucodine

Cat. No.:	HY-122295
CAS No.:	36150-07-9
Molecular Formula:	C ₁₅ H ₁₆ O ₃
Molecular Weight:	244.29
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dehydroleucodine is a sesquiterpene lactone isolated from *Artemisia douglasiana*. Dehydroleucodine is a mast cell stabilizer that inhibits mast cell degranulation induced by compound 48/80. Dehydroleucodine induces cells apoptosis, and has gastric ulcer inhibition and antileukemic effects^{[1][2][3]}.

REFERENCES

- [1]. Paola E Ordóñez, et al. Dehydroleucodine, a Sesquiterpene Lactone from *Gynoxys verrucosa*, Demonstrates Cytotoxic Activity against Human Leukemia Cells. *J Nat Prod.* 2016 Apr 22;79(4):691-6.
- [2]. Mariano E Vera, et al. Activation of human leukemic mast cell line LAD2 is modulated by dehydroleucodine and xanthatin. *Leuk Lymphoma.* 2012 Sep;53(9):1795-803.
- [3]. Valeria V Costantino, et al. Dehydroleucodine inhibits tumor growth in a preclinical melanoma model by inducing cell cycle arrest, senescence and apoptosis. *Cancer Lett.* 2016 Mar 1;372(1):10-23.

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