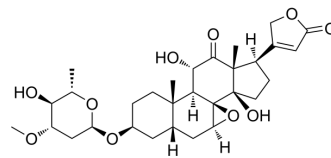


Cryptanoside A

Cat. No.:	HY-N9149
CAS No.:	98570-81-1
Molecular Formula:	C ₃₀ H ₄₂ O ₁₀
Molecular Weight:	562.65
Target:	Na ⁺ /K ⁺ ATPase; Akt; NF-κB
Pathway:	Membrane Transporter/Ion Channel; PI3K/Akt/mTOR; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cryptanoside A, a cardiac glycoside epoxide, can be isolated from the stems of *Cryptolepis dubia*. Cryptanoside A has potent cytotoxicity against cancer cells. Cryptanoside A also inhibits Na⁺/K⁺-ATPase activity. Cryptanoside A increases the expression of Akt and the p65 subunit of NF-κB^[1].

REFERENCES

[1]. Ren Y, et al. The Cytotoxic Cardiac Glycoside (-)-Cryptanoside A from the Stems of *Cryptolepis dubia* and Its Molecular Targets. *J Nat Prod.* 2023 Jun 23;86(6):1411-1419.

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