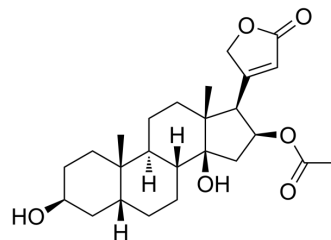


## Oleandrogenin

Cat. No.:	HY-N11690
CAS No.:	465-15-6
Molecular Formula:	C <sub>25</sub> H <sub>36</sub> O <sub>6</sub>
Molecular Weight:	432.55
Target:	Na <sup>+</sup> /K <sup>+</sup> ATPase
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Oleandrogenin is a potent cardiotonic steroid. Oleandrogenin shows Na<sup>+</sup>/K<sup>+</sup>-ATP-ase inhibiting and cytotoxic activities<sup>[1][2]</sup>.

### REFERENCES

[1]. Fejedelem Z, et al. Synthesis of Cardiotonic Steroids Oleandrogenin and Rhodexin B. J Org Chem. 2021 Aug 6;86(15):10249-10262.

[2]. Michalak K, et al. Synthesis and evaluation of Na<sup>+</sup>/K<sup>+</sup>-ATP-ase inhibiting and cytotoxic in vitro activities of oleandrogenin and its selected 17β-(butenolidyl)- and 17β-(3-furyl)- analogues. Eur J Med Chem. 2020 Sep 15;202:112520.

**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