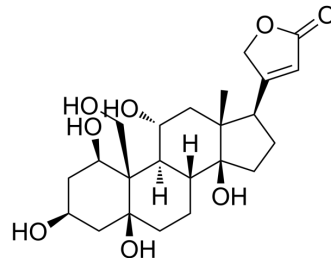


## Ouabagenin

Cat. No.:	HY-W754708
CAS No.:	508-52-1
Molecular Formula:	C <sub>23</sub> H <sub>34</sub> O <sub>8</sub>
Molecular Weight:	438.51
Target:	LXR; Na <sup>+</sup> /K <sup>+</sup> ATPase
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Ouabagenin is a naturally occurring LXR ligand with LXR selective agonist activity. Ouabagenin acts as an EC 3.6.3.9 (Na<sup>+</sup>)/K<sup>+</sup>- transport ATPase) inhibitor<sup>[1][2]</sup>.

### REFERENCES

- [1]. Tamura S, et al. Ouabagenin is a naturally occurring LXR ligand without causing hepatic steatosis as a side effect. *Sci Rep.* 2018 Feb 2;8(1):2305.
- [2]. Cornelius F, et al. Interaction between cardiotonic steroids and Na,K-ATPase. Effects of pH and ouabain-induced changes in enzyme conformation. *Biochemistry.* 2009 Oct 27;48(42):10056-65.

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

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