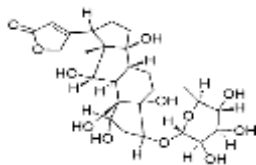


**PRODUCT: Ouabain**

**ALTERNATE NAMES:** 3-(6-Deoxy-alpha-L-mannopyranosyloxy)-1,5,11a,14,19-pentahydroxycard-20(22)-enolide; Acocantherin; Strodival; NSC 25485

**CATALOG NUMBER:** B2068-10, 50

**AMOUNT:** 10 mg, 50 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>29</sub>H<sub>44</sub>O<sub>12</sub>

**MOLECULAR WEIGHT:** 584.65

**CAS NUMBER:** 630-60-4

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO (>40 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** Ouabain is a cardioactive glycoside consisting of rhamnose and ouabagenin, obtained from the seeds of *Strophanthus gratus* and other plants of the Apocynaceae. Acts as a potent and selective Na<sup>+</sup>/K<sup>+</sup> ATPase inhibitor.

**REFERENCES:** Hosoi, R., *et al.* (1997). *J. Neurochem.* **69**, 2189-2196.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Bafilomycin A1 (Cat. No. 1829-50, 250)

(+)-Blebbistatin (**Cat. No. 2407-1, 5**)

(±)-Blebbistatin (**Cat. No. 2405-5, 25**)

(-)-Blebbistatin (**Cat. No. 2406-1, 5**)

Bufalin (**Cat. No. 2509-10, 50**)

Ouabain (**Cat. No. B2068-10, 50**)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**