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:**

![Chemical Structure of Ouabain]

**MOLECULAR FORMULA:** C_{29}H_{44}O_{12}

**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⁺/K⁺ ATPase inhibitor.


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

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

**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)