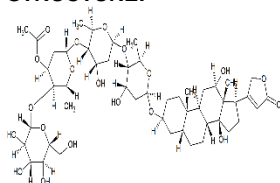


# Lanatoside C

**ALTERNATE NAME:** Celadigal  
Digilanide C  
Celanid  
[6-[6-[6-[[12,14-dihydroxy-10,13-dimethyl-17-(5-oxo-2H-furan-3-yl)-1,2,3,4,5,6,7,8,9,11,12,15,16,17-tetradecahydrocyclopenta[a]phenanthren-3-yl]oxy]-4-hydroxy-2-methyloxan-3-yl]oxy-4-hydroxy-2-methyloxan-3-yl]oxy-2-methyl-3-[3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyoxan-4-yl] acetate

**CATALOG #:** B2577-10 10 mg  
B2577-50 50 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>49</sub>H<sub>76</sub>O<sub>20</sub>

**MOLECULAR WEIGHT:** 985.12

**CAS NUMBER:** 17575-22-3

**APPEARANCE:** White solid

**PURITY:** ≥95% by TLC

**SOLUBILITY:** ~ 2 mg/ml Ethanol

**DESCRIPTION:** Lanatoside C is a cardiac glycoside, used in the treatment of congestive heart failure and cardiac arrhythmia. Lanatoside C suppresses colorectal cancer cell growth by inducing mitochondrial dysfunction and increased radiation sensitivity by impairing DNA damage repair. Also activates IL-1β through activation of the inflammasome.

**STORAGE TEMPERATURE:** -20°C. Protect from light

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

**RELATED PRODUCTS:**

Verapamil hydrochloride (2861)  
Ouabain (B2068)  
Digoxin (2911)  
Monosodium Urate (crystals) (9689)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*