

# Digitoxin

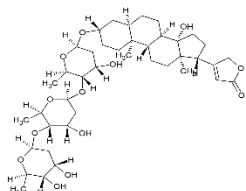
**ALTERNATE NAME:**

Digitoxoside  
3-[(3S,5R,8R,9S,10S,13R,14S,17R)-3-[(2R,4S,5S,6R)-5-[(2S,4S,5S,6R)-4,5-dihydroxy-6-methyloxan-2-yl]oxy-4-hydroxy-6-methyloxan-2-yl]oxy-4-hydroxy-6-methyloxan-2-yl]oxy-14-hydroxy-10,13-dimethyl-1,2,3,4,5,6,7,8,9,11,12,15,16,17-tetradecahydrocyclopenta[a]phenanthren-17-yl]-2H-furan-5-one  
Unidigin

**CATALOG #:**

B2578-10 10 mg  
B2578-50 50 mg

**STRUCTURE:**



**MOLECULAR FORMULA:**

C<sub>41</sub>H<sub>64</sub>O<sub>13</sub>

**MOLECULAR WEIGHT:**

764.95

**CAS NUMBER:**

71-63-6

**APPEARANCE:**

White to off-white solid

**PURITY:**

≥97%

**SOLUBILITY:**

~15 mg/ml Ethanol

**DESCRIPTION:**

Digitoxin is a lipid soluble cardiac glycoside that acts as an inhibitor of plasma membrane Na<sup>+</sup>/K<sup>+</sup>-ATPase (EC<sub>50</sub> = 0.78 μM). Digitoxin shows a significantly cytotoxic effect in H1975 cells by causing G2 phase arrest.

**STORAGE TEMPERATURE:**

-20°C. Protect from moisture

**HANDLING:**

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

**RELATED PRODUCTS:**

Ouabain (B2068)  
Lanatoside C (B2577)  
Digoxin (2911)

**DISCLAIMER:**

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