Digitoxin

ALTERNATE NAME: Digitoxoside

3-[(3S,5R,9R,10S,13R,14S,17R)-3-[(2R,4S,5S,6R)-5-[(2S,4S,5S,6R)-5-4,5-dihydroxy-6-methylxon-2-yl]oxy-4-hydroxy-6-methylxon-2-yl]oxy-4-hydroxy-6-methylxon-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_{41}H_{64}O_{13}

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+/K+-ATPase (EC_{50} = 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.