

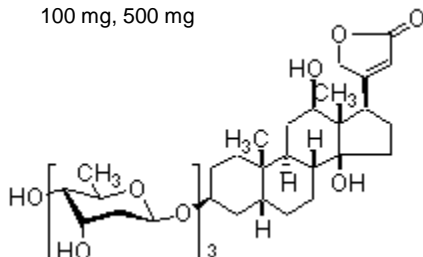
Digoxin

ALTERNATE NAME: 12 beta-Hydroxydigoxin, Lanoxin

CATALOG #: 2911-100, -500

AMOUNT: 100 mg, 500 mg

STRUCTURE:



MOLECULAR FORMULA: C₄₁H₆₄O₁₄

MOLECULAR WEIGHT: 780.94

CAS NUMBER: 20830-75-5

APPEARANCE: Clear to white crystalline powder

SOLUBILITY: Pyridine (~50 mg/ml) or DMSO (>70 mg/ml) or Water (~65 mg/L at 25 °C)

PURITY: ≥96% by HPLC

STORAGE: Room Temperature. Protect from light and moisture. Do not freeze.

DESCRIPTION: Digoxin is a cardiac glycoside from the leaves of *Digitalis lanata*. It is used to treat cardiac arrhythmias. It is often used as a model substrate of P-glycoprotein (0.01-10 μM) and an inhibitor of Na⁺/K⁺-ATPase.

HANDLING: **Use extreme caution since Digoxin is toxic.** Do not take internally. Wear gloves and mask when handling! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Loperamide hydrochloride (Cat.No.2683)

Vinblastine Sulfate (Cat.No.1959)

A-803467 (Cat.No. 2559)

Veratridine (Cat.No. 2422)

Quinidine Sulfate Dihydrate (Cat.No. 2910)

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