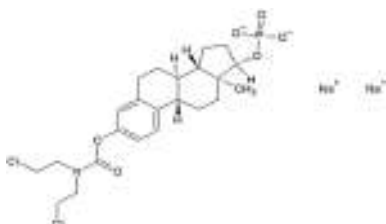


Estramustine phosphate sodium

ALTERNATE NAME: Estracyt
Estradiol 3-[N,N-Bis(2-chloroethyl)carbamate]
Estramustine phosphate disodium
NSC 89201
Estramustine sodium phosphate
Ro 22-2296/000

CATALOG #: B2652-5 5 mg
B2652-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₃₀Cl₂NNa₂O₆P

MOLECULAR WEIGHT: 564.3

CAS NUMBER: 52205-73-9

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: 50 mg/ml Water

DESCRIPTION: Estramustine phosphate sodium is a nitrogen mustard linked to estradiol that acts as a microtubule assembly inhibitor. Inhibits endothelial cell proliferation (IC₅₀ = 4.5 μM) and down-regulates prostate-specific antigen expression (IC₅₀ = 10.97 μM). Alkylating and antitumor agent.

STORAGE TEMPERATURE: -20°C

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

RELATED PRODUCTS:

Maytansinol (B2015)
Cabazitaxel (B2399)
Thiocolchicine (2213)
Epothilone D (9559)

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