Certificate of Analysis

Estramustine (phosphate sodium)

Cat. No.: HY-13627

CAS No.: 52205-73-9

Batch No.: 15961

Chemical Name: Estra-1,3,5(10)-triene-3,17-diol (17β)-, 3-[N,N-bis(2-chloroethyl)carbamate] 17-(dihydrogen phosphate), sodium salt (1:2)

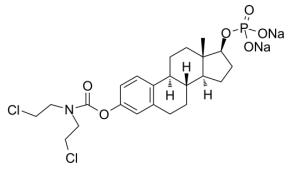
PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{23}H_{30}Cl_2NNa_2O_6P$

Molecular Weight: 564.35

Storage: 4°C, sealed storage, away from moisture and light
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

^{1}H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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