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Estramustine Phosphate Sodium

National Cancer Institute

Source

National Cancer Institute. *Estramustine Phosphate Sodium*. NCI Thesaurus. Code C480.

The orally available disodium salt, monohydrate, of estramustine phosphate, a synthetic molecule that combines estradiol and nornitrogen mustard through a carbamate link. Estramustine and its major metabolite estramustine bind to microtubule-associated proteins (MAPs) and tubulin, thereby inhibiting microtubule dynamics and leading to anaphase arrest in a dose-dependent fashion. This agent also exhibits anti-androgenic effects.