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Vinorelbine Tartrate Emulsion

National Cancer Institute

Source

National Cancer Institute. *Vinorelbine Tartrate Emulsion*. NCI Thesaurus. Code C66943.

An emulsion containing the tartrate salt of the semisynthetic vinca alkaloid vinorelbine with antineoplastic activity. Vinorelbine binds to tubulin, inhibiting tubulin polymerization into microtubules; cell division is prevented, the cell cycle is arrested metaphase and cell death ensues. In this formulation vinorelbine is emulsified in a homogeneous suspension of nanoparticles, which protects the venous endothelium from coming into direct contact with the active ingredient, potentially reducing vinorelbine-associated venous toxicity at the venous injection site.