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Oral Milataxel

National Cancer Institute

Source

National Cancer Institute. *Oral Milataxel*. NCI Thesaurus. Code C77880.

An orally bioavailable taxane with potential antineoplastic activity. Upon oral administration, milataxel and its major active metabolite M-10 bind to and stabilize tubulin, resulting in the inhibition of microtubule depolymerization and cell division, cell cycle arrest in the G2/M phase, and the inhibition of tumor cell proliferation. Unlike other taxane compounds, milataxel appears to be a poor substrate for the multidrug resistance (MDR) membrane-associated P-glycoprotein (P-gp) efflux pump and may be useful for treating multidrug-resistant tumors.