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Talotrexin Ammonium

National Cancer Institute

Source

National Cancer Institute. *Talotrexin Ammonium*. NCI Thesaurus. Code C80159.

An ammonium salt of talotrexin, an analogue of aminopterin with potential antineoplastic activity. As a folate antagonist, talotrexin binds to and inhibits the function of dihydrofolate reductase, resulting in the inhibition of folate metabolism, DNA synthesis, and cell division. Hydrosoluble, talotrexin is actively transported into cells by the reduced folate carrier (RFC) and, therefore, is unlikely to be associated with P-glycoprotein-mediated multidrug resistance.