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Galocitabine

National Cancer Institute

Source

National Cancer Institute. *Galocitabine*. NCI Thesaurus. Code C73254.

An orally available 5-fluorouracil (5-FU) prodrug with potential antineoplastic activity. Upon administration, galocitabine is converted into 5'-deoxy-5-fluorocytidine, 5'-deoxy-fluorouridine, and 5-FU. 5-FU is further metabolized into other cytotoxic metabolites that interfere with RNA and DNA synthesis via inhibition of thymidylate synthase. As a result, this agent eventually inhibits tumor cell growth.