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Floxuridine

National Cancer Institute

Source

National Cancer Institute. *Floxuridine*. NCI Thesaurus. Code C504.

A fluorinated pyrimidine monophosphate analogue of 5-fluoro-2'-deoxyuridine-5'-phosphate (FUDR-MP) with antineoplastic activity. As an antimetabolite, floxuridine inhibits thymidylate synthase, resulting in disruption of DNA synthesis and cytotoxicity. This agent is also metabolized to fluorouracil and other metabolites that can be incorporated into RNA and inhibit the utilization of preformed uracil in RNA synthesis. (NCI04)