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Folate-FITC

National Cancer Institute

Source

National Cancer Institute. *Folate-FITC*. NCI Thesaurus. Code C62479.

A conjugate consisting of fluorescein isothiocyanate (FITC) conjugated with folate with potential antineoplastic activity. Folate-FITC binds to folate receptors, which are overexpressed on the surfaces of many cancer cells including kidney and ovarian cancer cells. Once bound to the cancer cell through the folate moiety of the conjugate, circulating anti-fluorescein antibodies may recognize and bind to the FITC moiety, resulting in antibody-dependent cellular cytotoxicity.