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CFMS Tyrosine Kinase Inhibitor ARRY-382

National Cancer Institute

Source

National Cancer Institute. *cFMS Tyrosine Kinase Inhibitor ARRY-382*. NCI Thesaurus. Code C96227.

A small molecule and orally available inhibitor of colony-stimulating factor-1 receptor (CSF1R; cFMS) with potential antineoplastic activity. cFMS tyrosine kinase inhibitor ARRY-382 binds to and inhibits the activity of cFMS. By preventing colony-stimulating factor-1 (CSF-1)-cFMS signaling, this agent may inhibit tumor cell proliferation in cFMS-overexpressing tumor cells. cFMS, a tyrosine kinase receptor, is overexpressed in certain tumor cell types and plays an essential role in macrophage differentiation and regulation of cell proliferation.