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Efatutazone Dihydrochloride

National Cancer Institute

Source

National Cancer Institute. *Efatutazone Dihydrochloride*. NCI Thesaurus. Code C64764.

The dihydrochloride salt of efatutazone, an orally bioavailable agonist of peroxisome proliferator-activated receptor gamma (PPAR-gamma) with potential antineoplastic activity. Efatazone binds to and activates PPAR-gamma, a nuclear hormone receptor and a ligand-activated transcription factor controlling gene expression involved in macromolecule metabolism and cell differentiation, specifically adipocyte differentiation. Mediated through activation of PPAR-gamma, this agent is capable of inducing cell differentiation and apoptosis, thereby leading to a reduction in cellular proliferation.