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Methylprednisolone

National Cancer Institute

Source

National Cancer Institute. *Methylprednisolone*. NCI Thesaurus. Code C647.

A synthetic corticosteroid with anti-inflammatory and immunomodulating properties. Methylprednisolone binds to and activates specific nuclear receptors, resulting in altered gene expression and inhibition of proinflammatory cytokine production. This agent also decreases the number of circulating lymphocytes, induces cell differentiation, and stimulates apoptosis in sensitive tumor cell populations.