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# Triamcinolone Acetonide

National Cancer Institute

## Source

National Cancer Institute. *Triamcinolone Acetonide*. NCI Thesaurus. Code C48027.

The acetonide salt form of triamcinolone, a synthetic glucocorticosteroid with immunosuppressive and anti-inflammatory activity. Triamcinolone acetonide binds to specific cytosolic glucocorticoid receptors and subsequently interacts with glucocorticoid receptor response element on DNA and alters gene expression. This results in an induction of the synthesis of certain anti-inflammatory proteins while inhibiting the synthesis of certain inflammatory mediators. Consequently, an overall reduction in chronic inflammation and autoimmune reactions are accomplished.