

[Open Peer Review on Qeios](#)

Clocortolone Pivalate

National Cancer Institute

Source

National Cancer Institute. *Clocortolone Pivalate*. NCI Thesaurus. Code C47455.

A glucocorticoid receptor agonist with metabolic, anti-inflammatory, and immunosuppressive activity. Clocortolone pivalate exerts its effect by interacting with specific intracellular receptors and subsequently binds to DNA to modify 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.