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Prostaglandin E2

National Cancer Institute

Source

National Cancer Institute. *Prostaglandin E2*. NCI Thesaurus. Code C112043.

A prostaglandin with 2 double bonds that is generated by the action of prostaglandin E synthases on prostaglandin H2. Prostaglandin E2 is a mediator of active inflammation, and has important biologic effects including potent vasodilation, smooth muscle relaxation, stimulation of osteoclast-dependent bone resorption and induction of both pain and fever. It is also used as a vaginal suppository during labor to soften the cervix and promote uterine contractions.