

[Open Peer Review on Qeios](#)

Prostaglandin E3

National Cancer Institute

Source

National Cancer Institute. *Prostaglandin E3*. NCI Thesaurus. Code C121971.

An eicosanoid that is generated by the action of cyclooxygenases on the omega-3 fatty acid eicosapentaenoic acid (EPA). Prostaglandin E3 regulates ocular pressure, exerts anti-inflammatory activities and may inhibit tumor cell proliferation. Prostaglandin E3 may be used as a biomarker for EPA to evaluate the association between EPA and its antineoplastic activity.