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Epoxyeicosatrienoic Acid

National Cancer Institute

Source

National Cancer Institute. *Epoxyeicosatrienoic Acid*. NCI Thesaurus. Code C126908.

A class of eicosanoids produced by the epoxidation of one of the double bonds of arachidonic acid by some of the members of the cytochrome P450 family of epxygenases. Epoxides in the epoxyeicosatrienoic acid (EET) family act locally to stimulate signaling pathways involved in the regulation of blood pressure, vascular maintenance, inflammation, and pain responses. EETs may promote the proliferation and survival of certain types of cancer cells.