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Ellagic Acid/Annona muricata Supplement

National Cancer Institute

Source

National Cancer Institute. *Ellagic Acid/Annona muricata Supplement*. NCI Thesaurus. Code C118627.

A nutritional supplement containing the phytochemical polyphenol, ellagic acid, and an extract of *Annona muricata*, with potential chemopreventive activity. Although the exact mechanism of action for ellagic acid has yet to be fully elucidated, this agent acts as an anti-oxidant and reduces oxidative stress. This agent also appears to protect the body against certain carcinogens, either through preventing DNA binding or by increasing the rate of their metabolism and deactivation. Certain extracts of *Annona muricata*, a member of the custard apple plants and belonging to the Annonaceae family, may have antiviral activity, potential targets include human papilloma virus (HPV), and may be cytotoxic against various types of cancer cells.