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# 16-Hydroxyestrogen

National Cancer Institute

## Source

National Cancer Institute. *16-Hydroxyestrogen*. NCI Thesaurus. Code C113817.

Any metabolite formed during the catabolism of estrogens by the liver through the hydroxylation of the carbon at position 16 by the enzymes, cytochrome P450 3A4 and 1B1. The 16-hydroxyestrogens may have high estrogenic activity and preferential formation of 16-hydroxyestrogen metabolites may be associated with an elevated risk for breast cancer.