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Phenyl Acetate

National Cancer Institute

Source

National Cancer Institute. *Phenyl Acetate*. NCI Thesaurus. Code C1501.

An aromatic fatty acid metabolite of phenylalanine with potential antineoplastic activity. Naturally occurring in mammals, phenylacetate induces differentiation, growth inhibition, and apoptosis in tumor cells. Implicated mechanisms of action include decreased protein prenylation, activation of the peroxisome proliferation-activated receptors, inhibition of DNA methylation, and depletion of glutamine. (NCI04)