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Caracemide

National Cancer Institute

Source

National Cancer Institute. *Caracemide*. NCI Thesaurus. Code C1037.

An agent derived from acetohydroxamic acid with potential antineoplastic activity. Caracemide inhibits ribonuclease reductase, resulting in decreased DNA synthesis and tumor growth; it also inhibits acetylcholinesterase. In vivo, caracemide contributes to the formation of the neurotoxin methyl isocyanate; this effect, along with the agent's acetylcholinesterase activity, may be responsible for the severe central nervous system toxicity observed in clinical trials. (NCI04)