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Aminothiadiazole

National Cancer Institute

Source

National Cancer Institute. *Aminothiadiazole*. NCI Thesaurus. Code C1335.

A synthetic derivative of nicotinamide adenine dinucleotide (NAD). Aminothiadiazole competitively inhibits inosine 5-monophosphate dehydrogenase, thereby disrupting the regulation of cell proliferation and differentiation in a number of cells. This agent is also a selective human adenosine A3 receptor antagonist. (NCI04)