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# 6-Aminonicotinamide

National Cancer Institute

## Source

National Cancer Institute. *6-Aminonicotinamide*. NCI Thesaurus. Code C38127.

A synthetic analogue and nicotinamide antagonist with cytotoxic properties, 6-Aminonicotinamide forms an abnormal NAD (ubiquitous metabolic pathway coenzyme) analog that inhibits NAD-dependent enzyme activity associated with ATP production. 6-Aminonicotinamide impairs cartilage formation, may have teratogenic effects, and enhances the effect of radiation and cisplatin treatment (formation of platinum-DNA complexes). (NCI04)