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# Carboxyamidotriazole

National Cancer Institute

## Source

National Cancer Institute. *Carboxyamidotriazole*. NCI Thesaurus. Code C1141.

An orally-active agent with potential antineoplastic activity. Carboxyamidotriazole binds to and inhibits non-voltage-operated  $\text{Ca}^{2+}$  channels, blocking both  $\text{Ca}^{2+}$  influx into cells and  $\text{Ca}^{2+}$  release from intracellular stores and resulting in the disruption of calcium channel-mediated signal transduction and inhibition of vascular endothelial growth factor (VEGF) signaling, endothelial proliferation, and angiogenesis. This agent may also inhibit tumor cell growth, invasion and metastasis. (NCI04)