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# Sodium Dichloroacetate

National Cancer Institute

## Source

National Cancer Institute. *Sodium Dichloroacetate*. NCI Thesaurus. Code C73591.

The sodium salt of dichloroacetic acid with potential antineoplastic activity.

Dichloroacetate ion inhibits pyruvate dehydrogenase kinase, resulting in the inhibition of glycolysis and a decrease in lactate production. This agent may stimulate apoptosis in cancer cells by restoring normal mitochondrial-induced apoptotic signaling.