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# Pracinostat

National Cancer Institute

## Source

National Cancer Institute. *Pracinostat*. NCI Thesaurus. Code C71708.

An orally available, small-molecule histone deacetylase (HDAC) inhibitor with potential antineoplastic activity. Pracinostat inhibits HDACs, which may result in the accumulation of highly acetylated histones, followed by the induction of chromatin remodeling; the selective transcription of tumor suppressor genes; the tumor suppressor protein-mediated inhibition of tumor cell division; and, finally, the induction of tumor cell apoptosis. This agent may possess improved metabolic, pharmacokinetic and pharmacological properties compared to other HDAC inhibitors.