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Histone Deacetylase Inhibitor

National Cancer Institute

Source

National Cancer Institute. *Histone Deacetylase Inhibitor*. NCI Thesaurus. Code C1946.

Any substance that inhibits histone deacetylase, an enzyme that catalyzes the removal of acetyl groups from core histones. Inhibition of histone deacetylase can result in hyperacetylation of histones, with an effect on gene expression and cell differentiation.