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Depudecin

National Cancer Institute

Source

National Cancer Institute. *Depudecin*. NCI Thesaurus. Code C1361.

Depudecin is a fungal metabolite that reverts the rounded phenotype of NIH 3T3 fibroblasts transformed with v-ras and v-src oncogenes to the flattened phenotype of the non-transformed parental cells. The mechanism of de-transformation induced by this agent had not been determined. However, depudecin has been demonstrated to inhibit histone deacetylase (HDAC) activity effectively both in vivo and in vitro.