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MDM2/MDMX Inhibitor ALRN-6924

National Cancer Institute

Source

National Cancer Institute. *MDM2/MDMX Inhibitor ALRN-6924*. NCI Thesaurus. Code C118669.

An orally available inhibitor of both murine double minute 2 (MDM2) and murine double minute X (MDMX), with potential antineoplastic activity. Upon oral administration, ALRN-6924 binds to both MDM2 and MDMX and interferes with their interaction with the transcriptional activation domain of the tumor suppressor protein p53. By preventing MDM2-p53 and MDMX-p53 interactions, p53 activity is restored, which leads to p53-mediated induction of tumor cell apoptosis. MDM2 and MDMX, negative regulators of p53 function, are often overexpressed in cancer cells.