Helical beta-Peptide Inhibitors of the p53-hDM2 Interaction

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Description:

Beta-peptide regions of polypeptides can serve as structural mimics of .alpha.-helices in wild type proteins. Because .alpha.-helices of one protein often bind to a target protein in a biological pathway, a polypeptide that contains a helical .beta.-peptide region can be used to disrupt this type of protein-protein binding. As a result, polypeptides that contain a helical .beta.-peptide region can be used to treat conditions involving this type of protein-protein binding, such as viral infections and cell proliferation.

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