

Title (en)

METHODS OF UNFOLDING PROTEINS USING METAL COMPLEXES

Title (de)

METHODEN ZUM ENTFALTEN VON PROTEINEN UNTER VERWENDUNG VON METALLKOMPLEXEN

Title (fr)

PROCEDES POUR LE DEPLIEMENT DES PROTEINES AU MOYEN DE COMPLEXES METALLIQUES

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Abstract (en)

[origin: WO9903877A1] The invention relates to methods of unfolding proteins using metal complexes, particularly cobalt-containing Schiff's base compounds. The proteins can be viral proteins or myoglobin, and the unfolding can be irreversible under physiological conditions. The unfolded proteins exhibit UV/vis absorption spectral changes (see the figure) and a 5 % or greater change in at least one minima or maxima of the circular dichroism spectra of the proteins.

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