1. Record Nr. UNISA990003096320203316

Autore	ADAMOV, Arthur
Titolo	Theatre / Arthur Adamov
Pubbl/distr/stampa	Paris : Gallimard
Descrizione fisica	v. ; 19 cm
Disciplina	842
Soggetti	Letteratura drammatica francese -- Teatro -- sec.20
Collocazione	II.4.A.
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910484381203321

Autore	Hu Kuan
Titolo	Development of in-tether carbon chiral center-induced helical peptide : methodology and applications / / Kuan Hu
Pubbl/distr/stampa	Singapore : , : Springer, , [2021] ©2021
ISBN	981-336-613-3
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XV, 102 p. 75 illus., 65 illus. in color.)
Collana	Springer Theses
Disciplina	547.756
Soggetti	Peptides - Synthesis Cancer - Research Peptides - Biotechnology Chemistry Techniques, Synthetic Peptides - therapeutic use Peptides, Cyclic Biomedical Research
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Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto	Introduction -- Method to construct in-tether chiral center constrained helical peptide -- Application in disrupting p53/MDM2 protein-protein interactions -- Fabrication of nanomaterials with in-tether chiral center constrained helical peptide.
Sommario/riassunto	This book focuses on the development of stapled peptides, a novel molecular modality used to regulate aberrant intracellular protein–protein interactions (PPIs). The author designs and presents a novel helical peptide stabilization methodology by constructing a chiral cross-linker moiety, namely “chiral center induced peptide helicity (CIH)”. The book demonstrates that a precisely positioned carbon chiral center on tether can decisively determine the secondary structure of a peptide, and that the R-configured peptide is helical, while the S-configured peptide is non-helical. Further, it reports that helicity-enhanced R isomer peptides displayed significantly enhanced cell permeability and target binding affinity, as well as tumor inhibition efficiency, in comparison to S isomer peptides. The book will not only advance readers’ understanding of the basic principle of stapled peptides, but also accelerate the clinical transformation of stapled peptide drugs. .