Download Hydrogen Exchange Mass Spectrometry Of Proteins

Follow the links above to explore how hydrogen exchange detected with mass spectrometry is useful for studying proteins.Protein mass spectrometry refers to the application of mass spectrometry to the study of proteins. Mass spectrometry is an important method for the accurate mass determination and characterization of proteins, and a variety of methods and instrumentations have been developed for its many uses.At present, proteins and protein complexes with MW even at the mega-Dalton range can be directly analyzed by MS . Top-down protocols provide information without requiring proteolytic digestion of protein samples prior to MS analysis . Removing the digestion step should significantly reduce analysis time.Mass spectrometry (MS) is an analytical technique that measures the mass-to-charge ratio of ions. The results are typically presented as a mass spectrum, a plot of intensity as a function of the mass-to-charge ratio., Hydrogen Exchange Mass Spectrometry Of Proteins.

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