

NMR Higher Order Structure (HOS) Analysis Services



NMR SERVICES

Higher order structure (HOS) analysis of biologics for comparison studies of batch-to-batch consistency, biosimilars and formulation optimizations

NMR spectroscopy can be used to analyze higher order structure (HOS) of intact antibodies or other biologics. For example, a powerful application is to accurately and efficiently compare a biosimilar's higher order structure to its originator antibody (figure 1).

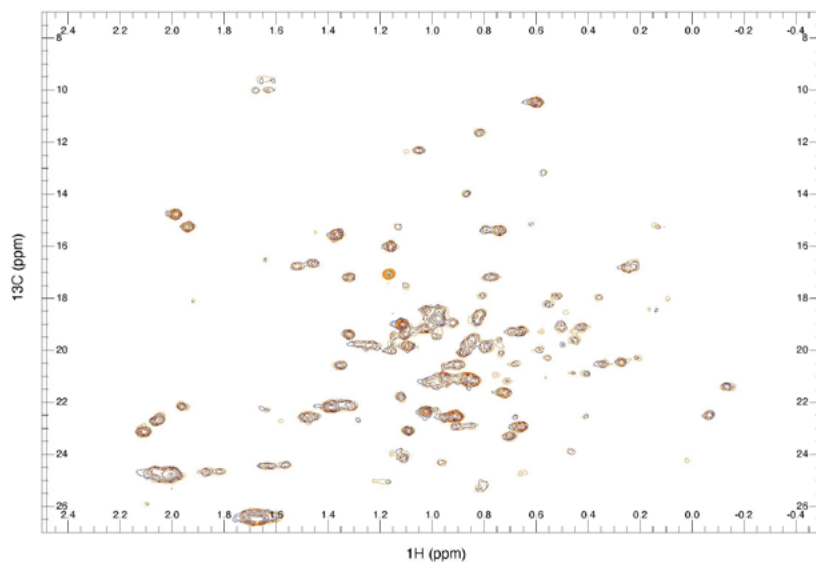


Figure 1.

SARomics Biostructures offers a broad range of custom peptide and protein NMR services besides HOS.

In addition we offer the following services:

- NMR assignment of peptides, proteins and RNA/DNA, secondary structure assessment
- NMR structure determination of peptides, proteins and RNA/DNA
- Protein-ligand & protein-protein complex structure determination
- Fragment screening using 1D or 2D NMR spectroscopy
- Epitope mapping and dissociation constant (Kd) determinations for compounds
- Expression and purification of 2H, 15N, and 13C-labelled protein in E.coli for NMR spectroscopy studies and structure determination

We have access to state-of-the-art NMR spectrometers. See the list and practical considerations on our web:

www.saromics.com