NMR Spectra Acquisition using METNOESY Pulse	
N007	
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NMR Spectra Acquisition using METNOESY Pulse Sequence

Purpose This procedure outlines the parameters for NMR data collection.

Procedure Using Chenomx NMR Suite, you can quantitatively analyze spectra produced by NOESY pulse sequences with t_{mix} of 100 ms. You can use other pulse sequences for identification purposes, but absolute quantification based on alternate pulse sequences may be unreliable.

Required NMR Parameters

1D-1H NMR pulse sequence used for metabolomics samples. For the best results from Chenomx NMR Suite when analyzing your data, use the following parameters for NMR data collection:

- Temperature: 25 °C
- Acquisition time: 4 s
- Mixing time: 0.1 s
- Initial delay: 0.01 s
- Pre-saturation delay: 0.99 s
- Transients/scans: 32
- Steady state scans: 4
- Spectral width: 12 ppm

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