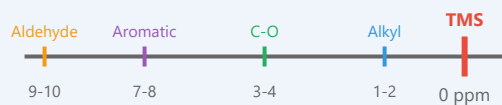


NMR Fundamentals

Nuclear Spin in Magnetic Field

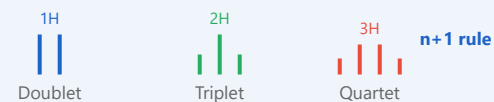


Chemical Shift (δ)



Electronic environment. ppm scale.

J-coupling



Spin-spin splitting. Connectivity information.

2D NMR



→ Structure determination

Biomolecular NMR



Solution state
Dynamics info