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ABBREVIATION

AR = analar grade

cm^{-1} = 1/centimeter

d = doublet

Hz = hertz

IR = infrared

J = coupling constant

mg = milligram

ml = millimeter

N = normal

nm = nanometer

ppm = part per million

q = quartet

s = singlet

TLC = thin-layer chromatography

UV = ultraviolet

λ_{max} = maximum wavelength

δ = chemical shift

^1H -NMR = proton nuclear magnetic resonance

^{13}C -NMR = carbon-thirteen nuclear magnetic resonance

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