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Characterization Of Fluoro-edenite By M-FTIR Spectroscopy The Instrument Used Was A Perkin Elmer FTIR Spectrum GX1 Spectrometer Interfaced To A Perkin Elmer Autoimage Microscope, Equipped With A Mercury Cadmium Telluride (MCT) Detector Mounted On The Infrared Microscope. The Spectra Were Scanned From 4000 To 700 cm^{-1} Using A Resolution Of 2 cm^{-1} . 2024 FTIR SPECTROSCOPY REFERENCE GUIDE - Agilent X-Rays UV Visible Near-IR Mid-IR Far-IR Microwave Radio Beamsplitter Storage 50,000 40,000 30,000 20,000 10,000 5,000 0 Wavenumbers (cm^{-1}) Sources Deuterium 53,000 - 12,000 Xenon 40,000 - 10,000 ... 900 - 600 Alkyne (stretch) ~ 3300 Aldehyde 2900 - 2700 C=C Alkene 1680 - 1600 Aromatic 1600 & 1475 C=C Alkyne 2250 - 2100 C=O Aldehyde ... 4th, 2024 CHEM 3720L - ACD Labs H NMR And C NMR Prediction Lab 1 ... 3. Using ACD Labs 12.02, Calculate And Report The ^{13}C NMR Chemical Shifts (, Ppm) For Each Of The Following Compounds

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