

**Solid-state NMR studies of 1,3-imidazolidine-2-selenone and some related compounds.** Wazeer, Mohamed I. M.; Isab, Anvarhusein A.; Perzanowski, Herman P. Chemistry Department, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia. *Magnetic Resonance in Chemistry* (2003), 41(12), 1026-1029.

**Abstract**

Solid-state cross-polarization magic angle spinning  $^{13}\text{C}$ ,  $^{77}\text{Se}$  and  $^{15}\text{N}$  NMR spectra were recorded for 1,3-imidazolidine-2-selenone, its N-substituted derivs. and some related compds. The spinning sideband manifold intensities were used to obtain principal values of  $^{13}\text{C}$  and  $^{77}\text{Se}$  chem. shift tensors. Large selenium chem. shift anisotropies were obsd. for these selenones.