

Kimura et al. investigated PyBTM doped into  $\alpha$ -H-PyBTM crystals by magnetoluminescence and fluorescence instruments. Their results showed that the amount of doping caused changes in the recorded signals. The aim of this investigation is to use NMR, Raman, ESR, and X-ray to measure the effects of doping of  $\alpha$ -H-PyBTM.