

NQR in Alanine and Lysine Iodates

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The structure of iodates of α - and β -alanine (Ala) ($2(\beta\text{-Ala} \cdot \text{HIO}_3) \cdot \text{H}_2\text{O}$, $\beta\text{-Ala} \cdot 2\text{HIO}_3$, $\text{DL-Ala} \cdot \text{HIO}_3 \cdot 2\text{H}_2\text{O}$, $\text{L-Ala} \cdot \text{HIO}_3$) and L-lysine (L-Lys) ($\text{L-Lys} \cdot \text{HIO}_3$, $\text{L-Lys} \cdot 2\text{HIO}_3$, $\text{L-Lys} \cdot 3\text{HIO}_3$, $\text{L-Lys} \cdot 6\text{HIO}_3$) have been investigated by means of iodine-127 NQR, IR spectroscopy and X-ray diffraction.