

Molecular motions and phase transitions in solid bis-*n*-propylammonium pentabromoantimonate.

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The proton nuclear magnetic resonance (NMR) second moment and spin-lattice relaxation time for polycrystalline bis-*n*-propylammonium pentabromoantimonate (nPBA) have been measured from 70 to 290 K. The results are interpreted in terms of the CH₃ and NH₃ group reorientations for which the activation parameters have been determined. A structural phase transition evidenced at about 220 K is found in the polycrystalline sample of nPBA.

Adres publiczny

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