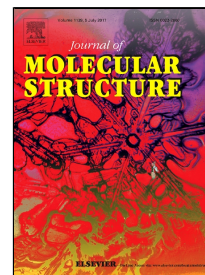


# Accepted Manuscript

Crystal structure, Hirshfeld and vibrational study at ambient temperature of propylammonium pentachlorobismuthate  $[n\text{-C}_3\text{H}_7\text{NH}_3]_2\text{BiCl}_5$  (III)



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## Highlights

- The crystal structure of  $[\text{n-C}_3\text{H}_7\text{NH}_3]_2\text{BiCl}_5$  (III) is determined at 273K.
- The Infrared and Raman spectra are interpreted and bands assigned.
- The Hirshfeld analysis is developed and presented.

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