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## Crystal packing and lattice theory of N, N'-bis(4-chlorophenyl)thiourea N, N-dimethylformamide

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### Abstract

According to Corpinot and Bučar, any reasonable improvement of the physics and chemistry of the solid state requires a theory of molecular packing [1]. In line with this, authors of this study report how lattice theory explains the crystal packing of N, N'-bis(4-chlorophenyl)thiourea N, N-dimethylformamide [2]. Here, we explore the type of crystal packing of the resulting lattice and their contributions to the general stability of the packing arrangement. The significance of this study gives important insights into the relationship between lattice theory and the crystallographic properties of N, N'-bis(4-chlorophenyl)thiourea N, N-dimethylformamide, to improve the understanding of their physical characteristics and potential applications in materials science, medicine, and pharmaceuticals.

### References

- [1] M. K. Corpinot and D-K. Bučar. *Cryst. Growth Des.* 19(2019),1426.
- [2] A. T. Odularu, P. A. Ajibade, J. Z. Mbese, Opepuwa O. Oyedeji and H. Puschmann. *Open. Chem.* 19 (2021) 511.

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