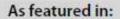


Showcasing research from Maciej Bujak (University of Opole, Poland), Andrzej Katrusiak (Adam Mickiewicz University, Poland) and Roland Boese (Universität Duisburg-Essen, Germany)

Conformational polymorphs of 1,1,2,2-tetracholoroethane: pressure vs. temperature

In-situ isochoric high-pressure and isobaric low-temperature crystallizations of 1,1,2,2-tetrachloroethane yield two different polymorphs, one built of antiperiplanar and the other one of synclinal conformers. The difference is due to directional intermolecular CI···CI contacts at ambient pressure and close-packing arrangement above 0.5 GPa.





See Maciej Bujak, Andrzej Katrusiak and Roland Boese et al. Chem. Commun., 2011, 47, 8769.

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