

## Phase transition and intramolecular hydrogen bonding in nitro derivatives of ortho-hydroxy acetophenones.

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The crystal structures of two *ortho*-hydroxy ketones (5-chloro-2-hydroxyacetophenone (**I** **K**) and 3,5-dichloro-2-hydroxyacetophenone (**II** **K**)) have been determined with X-ray diffraction at 100 K. A comparison of steric effects on properties of pseudoaromatic hydrogen bonds in *ortho*-hydroxy acetophenone and *ortho*-hydroxy ketimines have been carried out with the application of crystallographic data.

### Słowa kluczowe

Intramolecular hydrogen bond, Ortho-hydroxy acetophenone, Schiff base, Nuclear quadrupole resonance

### Adres publiczny

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