

Structure Data of Free Polyatomic Molecules

| | | | |
|------------|-------------------|----------------------------|--------------------------|
| 216 | HInO | Indium(I) hydroxide | C_s |
| MW, UV | | | (large-amplitude motion) |
| | r_0 Å | θ_0 deg | |
| | In–O 2.0167(4) | In–O–H 132.0(3) | |
| | O–H 0.911(4) | | In–O–H |

The r_0 structural parameters reflect the very marked effect of averaging over a large-amplitude bending vibration in InOH in its zero point level.

Lakin, N.M., Varberg, T.D., Brown, J.M.: J. Mol. Spectrosc. **183** (1997) 34.

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