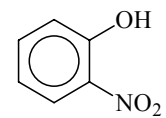


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ED $\text{C}_6\text{H}_5\text{NO}_3$ **2-Nitrophenol**
o-Nitrophenol

The barrier height to the internal rotation of the nitro group was determined to be 31(5) kJ mol^{-1} by the application of a dynamic model to the previous ED data using the Monte Carlo optimization method. The higher barrier than in nitrobenzene is a consequence of intramolecular hydrogen bond formation.

Borisenko, K.B., Hargittai, I.: J. Mol. Struct. **382** (1996) 171.

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