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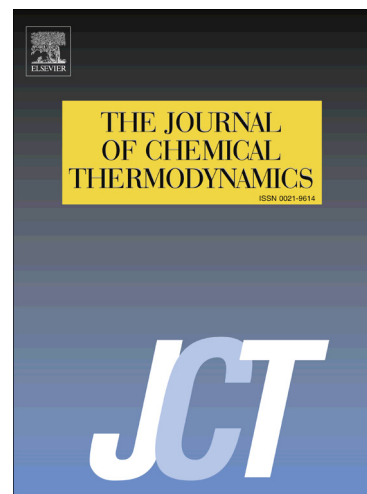
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Energetic vs structural effects of aminoalkyl substituents in the morpholine

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HIGHLIGHTS

- Conformational analysis and energetic characterization of *N*-(2-aminoethyl)morpholine and *N*-(3-aminopropyl)morpholine
- Measurement of the massic energies of combustion, in oxygen, for *N*-(2-aminoethyl)morpholine and *N*-(3-aminopropyl)morpholine
- Measurement of enthalpy of vaporization by vacuum drop microcalorimetry technique for *N*-(2-aminoethyl)morpholine and *N*-(3-aminopropyl)morpholine
- Experimental and computational gas-phase enthalpies of formation for *N*-(2-aminoethyl)morpholine and *N*-(3-aminopropyl)morpholine

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