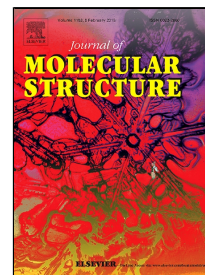


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Molecular structure, spectroscopic and docking analysis of 1, 3-diphenylpyrazole-4-propionic acid: A good prostaglandin reductase inhibitor



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Highlights

- ❖ Structure and vibrational analysis of DPPA were carried out.
- ❖ The reactivity properties were analyzed.
- ❖ PASS predicts that DPPA can serve as a PG reductase inhibitor.
- ❖ DPPA inhibits COX2 enzyme selectively.
- ❖ It can behave as a drug for inflammation and fungal diseases.

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