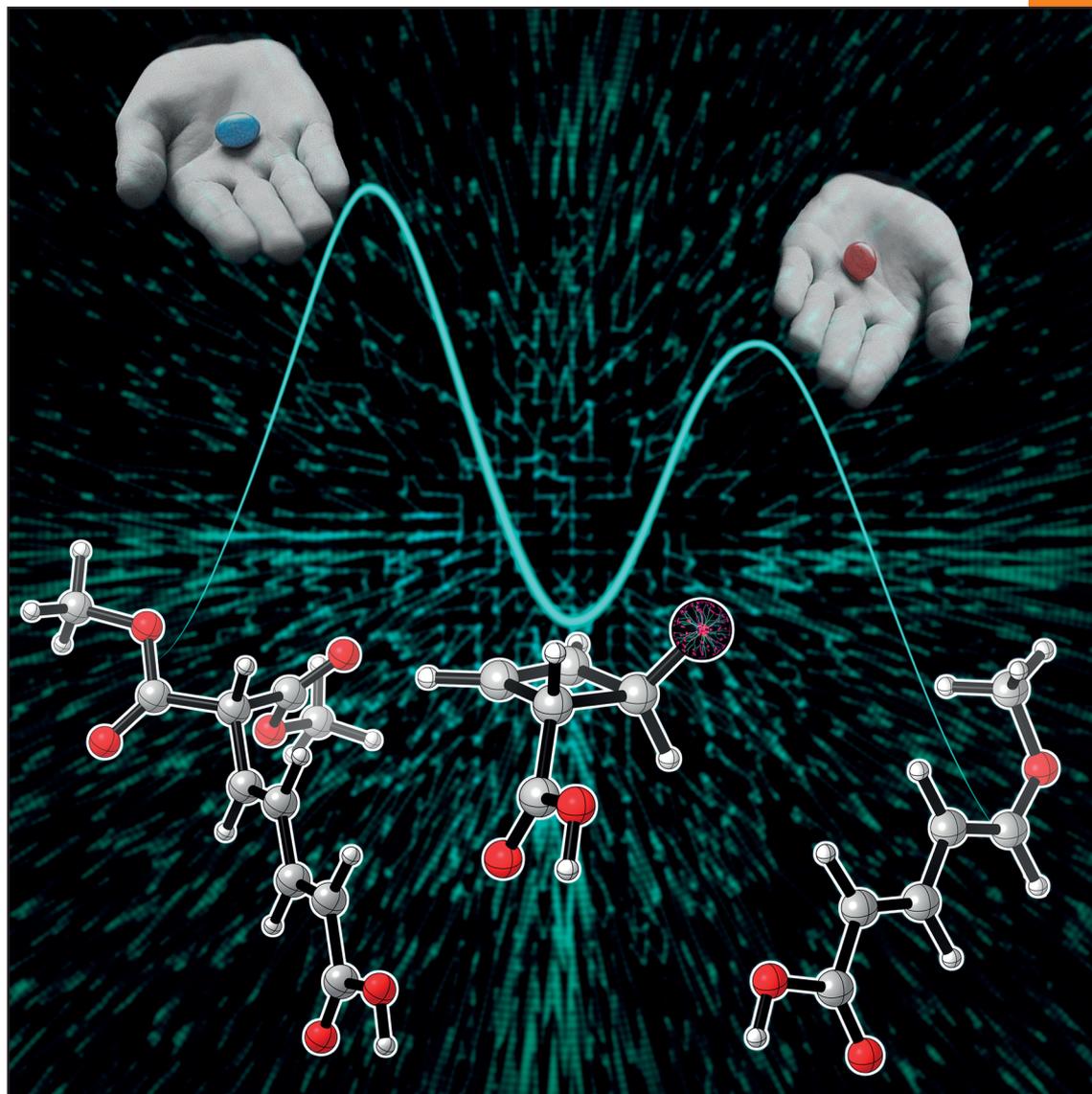




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## Front Cover

*Boris Maryasin and Nuno Maulide*

On the Stability of Disubstituted Cyclobutenes – A Computational Study

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## FRONT COVER

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### On the Stability of Disubstituted Cyclobutenes – A Computational Study



**The Front Cover** shows free energy profiles of the ring-opening reactions for two different cyclobutenecarboxylic acids. The kinetic barrier for this process critically depends on the substituent at the four-membered ring. Quantum chemical calculations reveal and elucidate the role of intramolecular interactions within the respective transition state. Combining computation with organic synthesis has a revealing effect akin to that of the red pill of reality in the Matrix. Cover design by Giovanni Di Mauro and Boris Maryasin. More information can be found in the [Full Paper by C. Author et al.](#)