



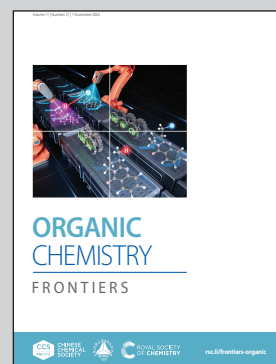
Showcasing research from Professor Torres's laboratory, Department of Organic Chemistry, Autonomous University of Madrid, Madrid, Spain and Professor Sessler's laboratory, Department of Chemistry, The University of Texas at Austin, Austin, Texas, USA.

Synthesis of annulated rosarins *via* iminium activation

This research presents a novel approach to the complex construction of pyrrolic macrocycles using activated aldehydes, facilitated by pre-conversion into corresponding iminium species. The newly synthesized macrocycles demonstrate that this method outperforms classical methodologies. Theoretical calculations provide support for the conclusion that iminium pathways make condensation reactions both kinetically and thermodynamically more favourable, paving the way for the synthesis of previously inaccessible systems.

Image created by Nhat Nam Vu.

As featured in:



See Jorge Labella, Tomás Torres, Jonathan L. Sessler *et al.*, *Org. Chem. Front.*, 2024, **11**, 6036.

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