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| Title: | Synthesis of Cyclopropanoids via Substrate-Based Cyclization Pathways |
| Authors: | Mishra, U.K. (/jspui/browse?type=author&value=Mishra%2C+U.K.) |
| | Patel, Kaushalendra (/jspui/browse?type=author&value=Patel%2C+Kaushalendra) Ramasastry, S.S.V. (/jspui/browse?type=author&value=Ramasastry%2C+S.S.V.) |
| Keywords: | Unexpected Reactions triggered Methylide |
| Issue Date: | 2019 |
| Publisher: | American Chemical Society |
| Citation: | Organic Letters, 21(1),pp. 175-179. |
| Abstract: | A series of unexpected reactions triggered by the dimethyloxosulfonium methylide led to the discovery of unconventional approaches for the synthesis of cyclopropa-fused tetralones and indeno-spirocyclopropanes. These highly functionalized structures were further elaborated in one step to privileged scaffolds such as tetralones, indenones, and fluorenones. As a whole, the results presented herein establish new diversity-oriented folding pathways. |
| URI: | https://pubs.acs.org/doi/10.1021/acs.orglett.8b03537 |
| | (https://pubs.acs.org/doi/10.1021/acs.orglett.8b03537) |
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