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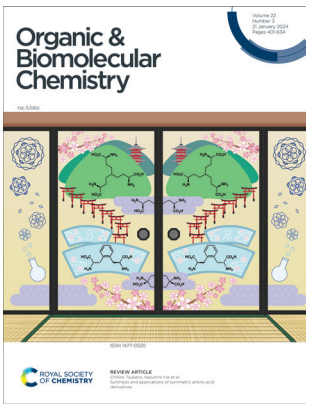

Cover
See Chihiro Tsukano, Kazuhiro Irie *et al.*, pp. 411–428.

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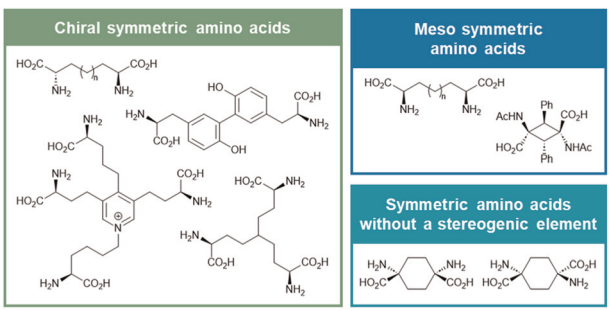

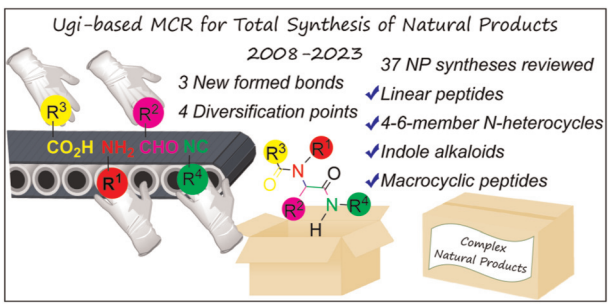

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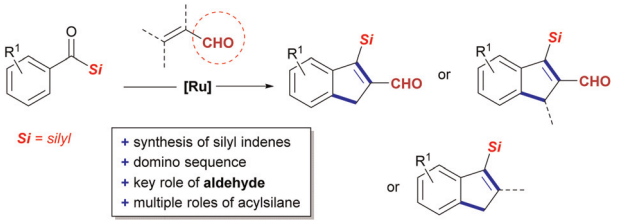

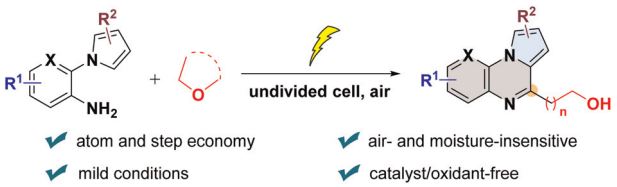

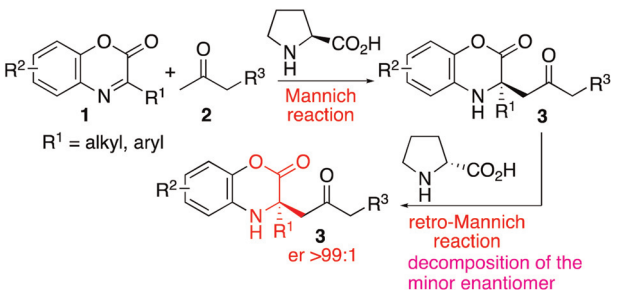

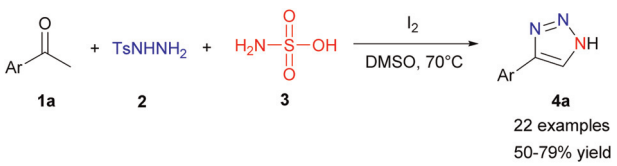

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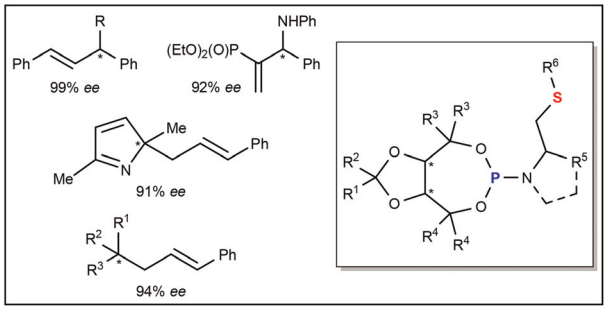

TADDOL-based *P,S*-bidentate phosphoramidite ligands in palladium-catalyzed asymmetric allylic substitution

Konstantin N. Gavrilov,* Ilya V. Chuchelkin,* Ilya D. Firsin, Valeria M. Trunina, Vladislav K. Gavrilov, Sergey V. Zheglov, Denis A. Fedorov, Victor A. Tafeenko, Ilya A. Zamilatskov, Vladislav S. Zimarev and Nataliya S. Goulioukina

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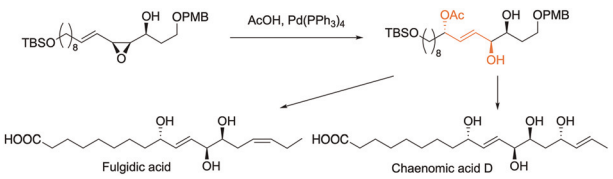

Synthesis of fulgidic acid and the two possible stereoisomers of chaenomic acid D

Narihito Ogawa,* Keisuke Gonda and Yuichi Kobayashi

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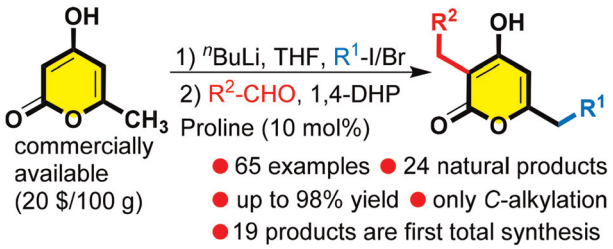

Two-step, high-yielding total synthesis of antibiotic pyrones

Akram Hussain, Revoju Sravanthi, Sunitha Katta and Dhevalapally B. Ramachary*

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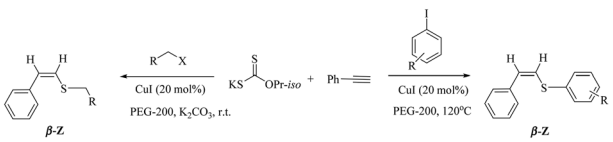

CuI-catalyzed regioselective hydrothiolation of alkynes: a thiol-free route to (*Z*)-β-alkenyl sulfides

Najmeh Nowrouzi,* Mohammad Abbasi, Ensieh Safari and Amin Arman

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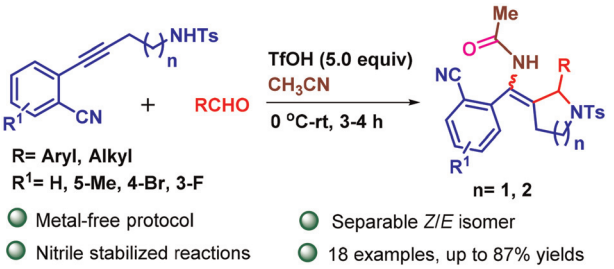

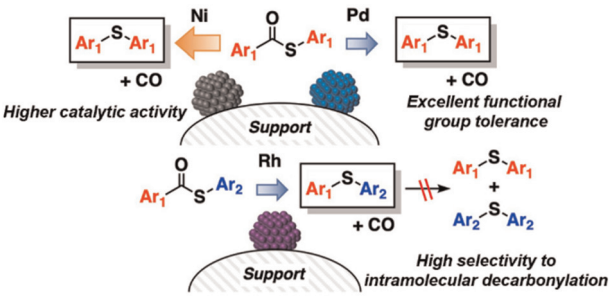

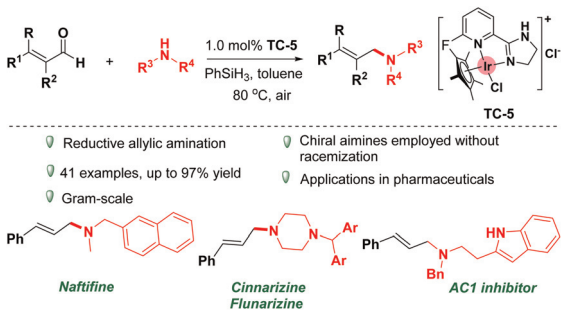

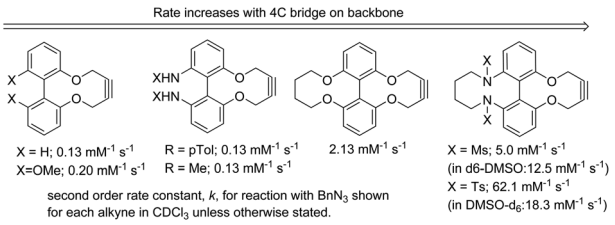

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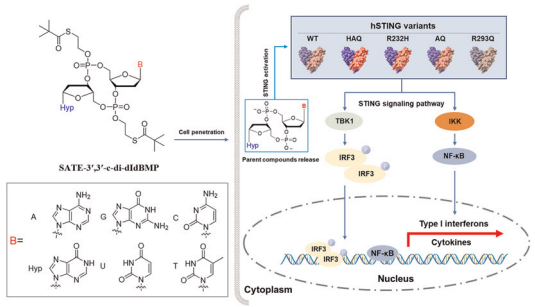

Design, synthesis, and cell-based *in vitro* assay of deoxyinosine-mixed SATE-dCDN prodrugs that activate all common STING variants

Zhiqiang Xie, Yuchen Yang, Dejun Ma and Zhen Xi*

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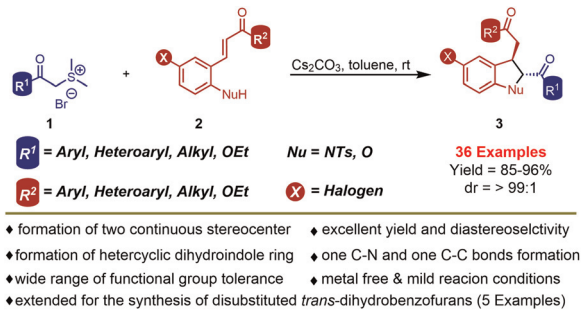

Diastereoselective synthesis of *trans*-2,3-dihydroindoles *via* formal [4 + 1] annulation reactions of a sulfonium ylide

Anshul Jain, Akanksha Kumari, Ramesh K. Metre and Nirmal K. Rana*