

Tetrahedron Letters Vol. 54, Issue 4, 2013

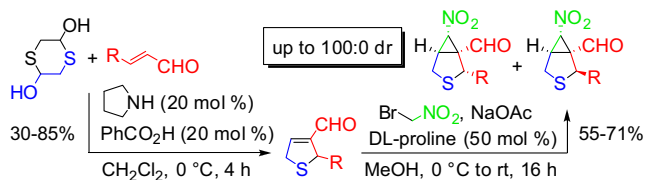
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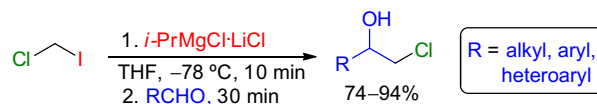
Carmela De Risi*, Simonetta Benetti, Marco Fogagnolo, Valerio Bertolasi



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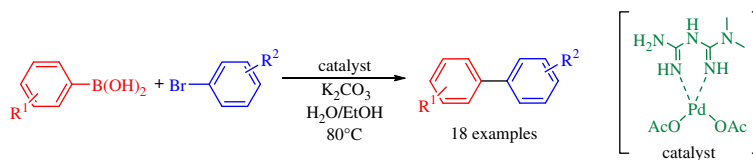
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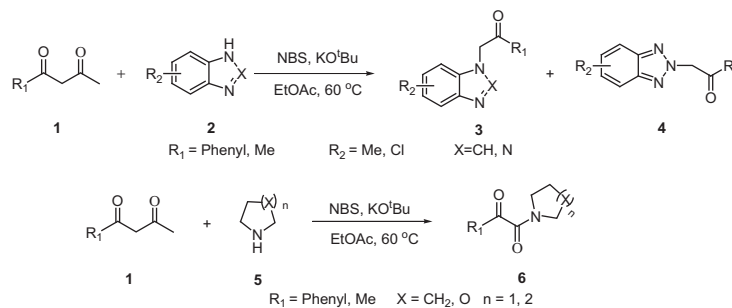
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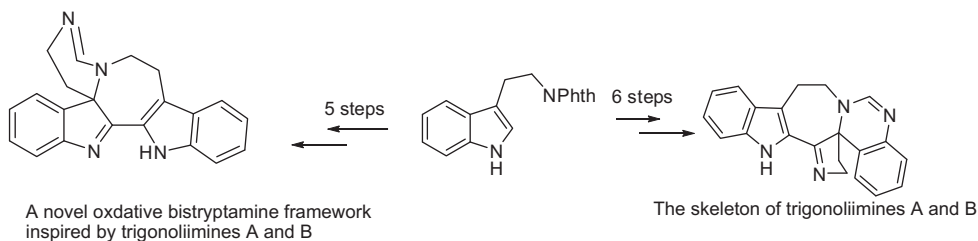
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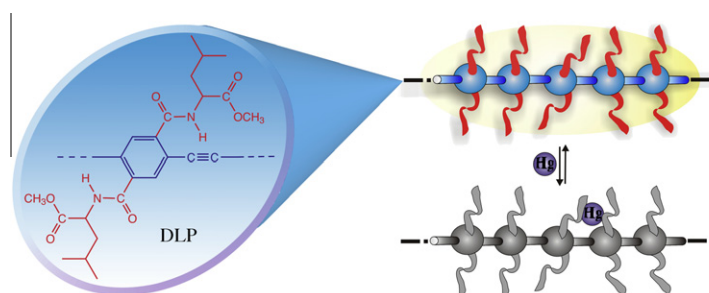
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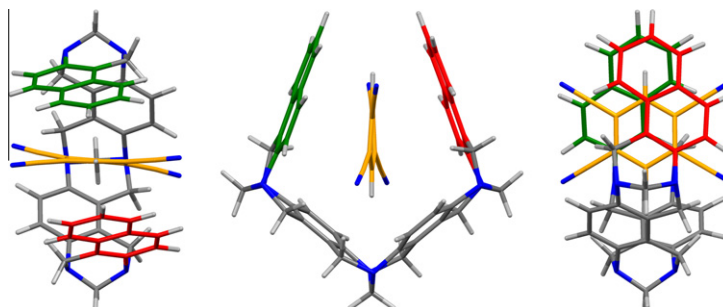
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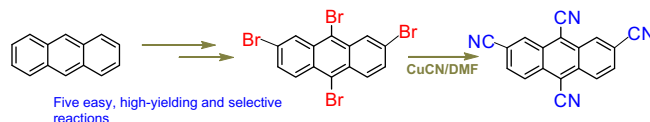
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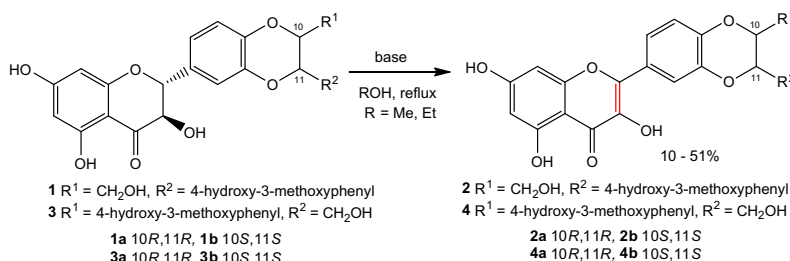
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Radek Gažák, Patrick Trouillas, David Biedermann, Kateřina Fuksová, Petr Marhol, Marek Kuzma, Vladimír Křen*



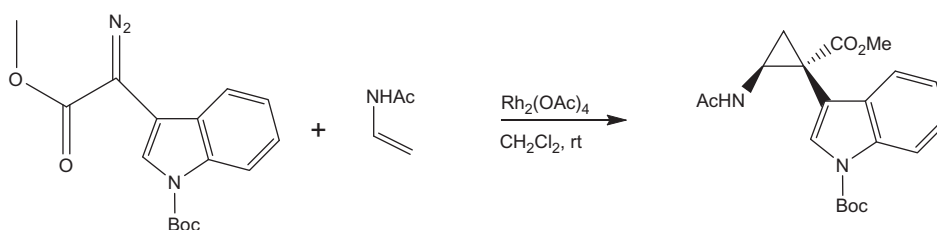
Bases: carbonates, hydrogencarbonates, NH₄OH, KOAc, Et₃N, DBU, DMAP



Diastereoselective synthesis of cyclopropyl melatonin analogues

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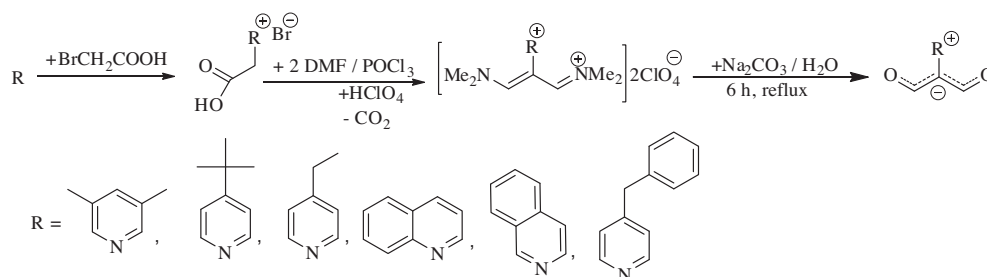
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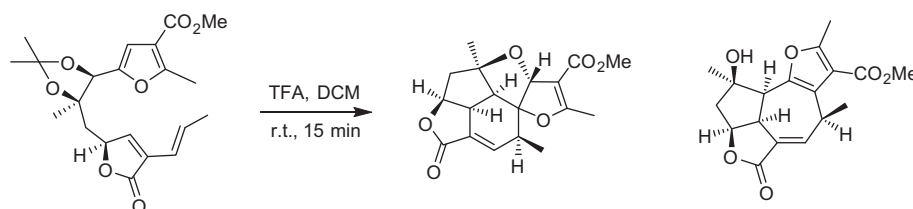
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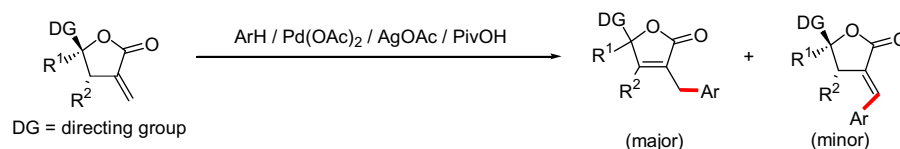
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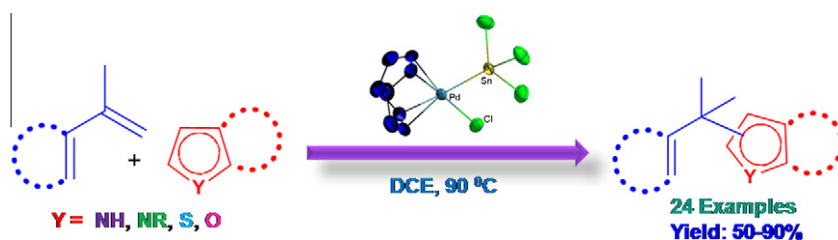
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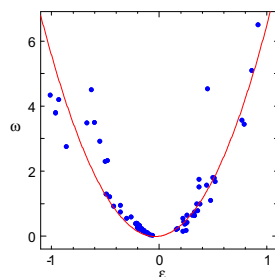
Debjit Das, Sanjay Pratihar, Sujit Roy*



Parr's index to describe both electrophilicity and nucleophilicity

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Syun-ichi Kiyooka*, Daisuke Kaneno, Ryoji Fujiyama



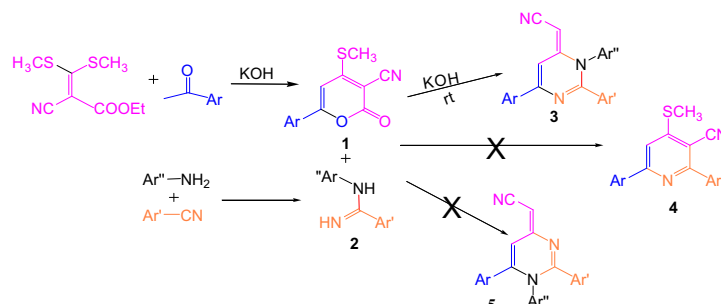
Parr's ω values of 65 chemical species were plotted as a function of the newly introduced ϵ values, $\omega = (\eta/2)\epsilon^2 + \mu\epsilon$. The fine parabola indicates the order of nucleophilicity at positive ϵ values and the order of electrophilicity at negative ϵ values.



A convenient regioselective synthesis of (2E)-2-[2,3,6-triarylpyrimidin-4(3H)-ylidene]acetonitriles through ring transformation reactions

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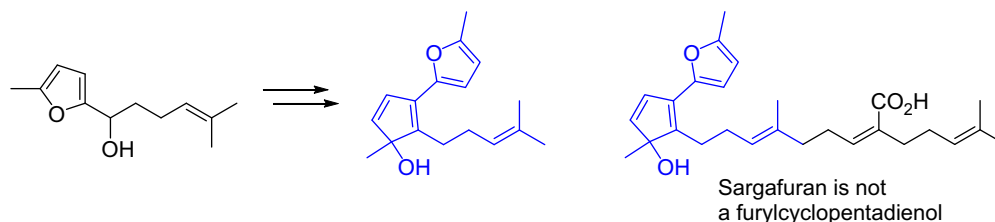
Umesh D. Patil, Pramod P. Mahulikar*



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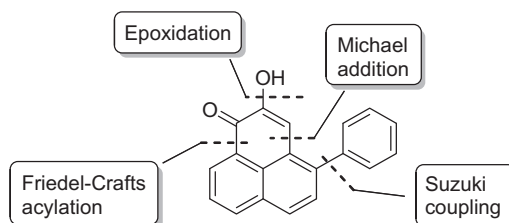
Ryo Katsuta*, Kazuya Aoki, Arata Yajima, Tomoo Nukada



Improved synthesis of 4-phenylphenalenones: the case of isoanigorufone and structural analogs

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Marisol Cano, Carlos Rojas, William Hidalgo, Jairo Sáez, Jesús Gil, Bernd Schneider*, Felipe Otálvaro*



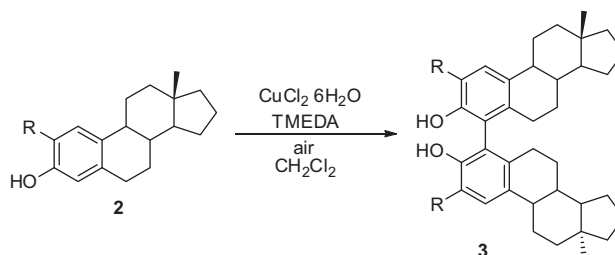
Isoanigorufone was synthesized using a nine-step procedure including a Suzuki–Miyaura coupling and a Friedel–Crafts acylation. The synthesis of structural analogs was also explored.




An efficient oxidative coupling method for synthesis of novel diastereomeric biaryl diols derived from estrone

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Jie Feng, Xin-Bin Yang, Shuai Liang, Ji Zhang*, Xiao-Qi Yu*



*Corresponding author

+ Supplementary data available via SciVerse ScienceDirect

COVER

Elaboration of the carbocyclic ring systems in plumarellide and rameswaralide using a coordinated intramolecular cycloaddition approach, based on a common biosynthesis model

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