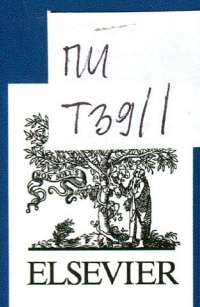


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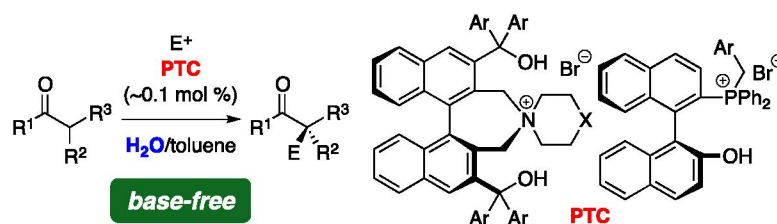
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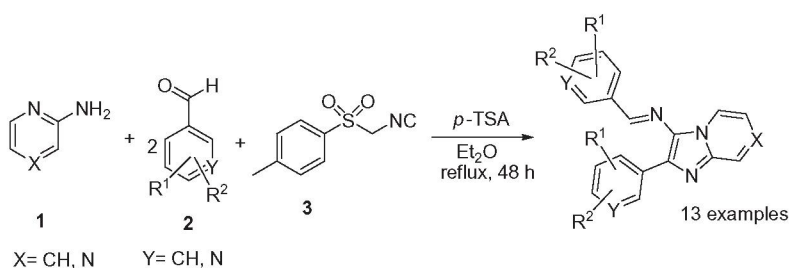


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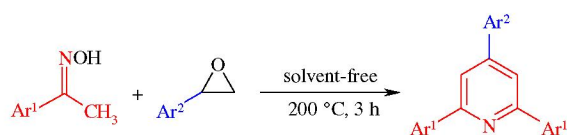
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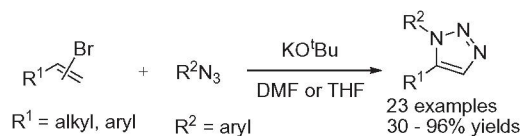
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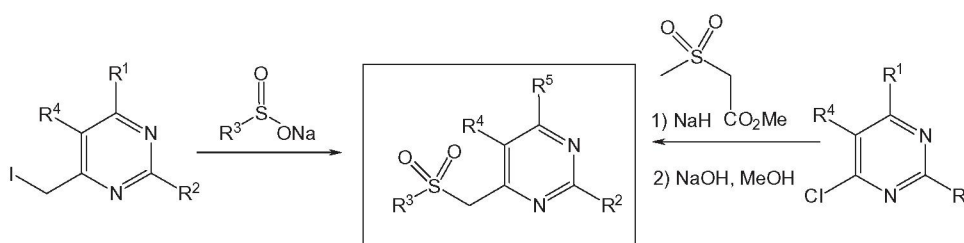
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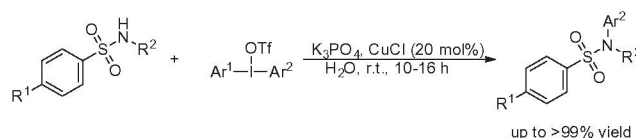
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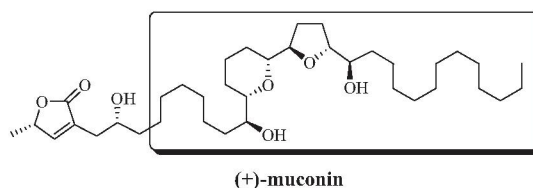
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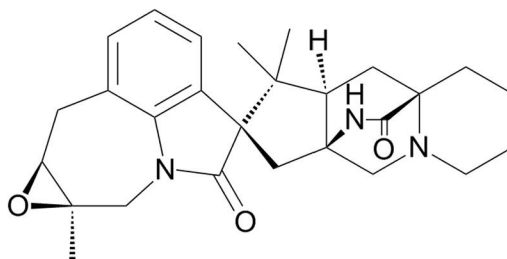
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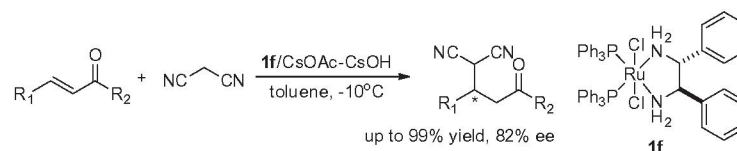


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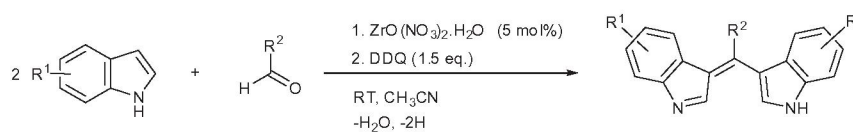
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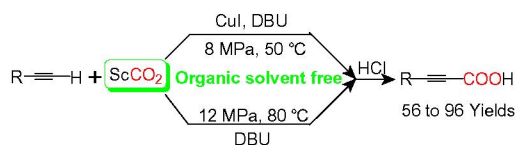
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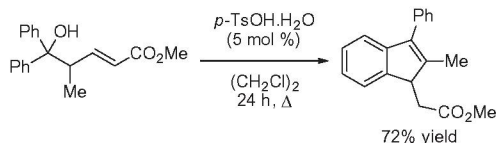
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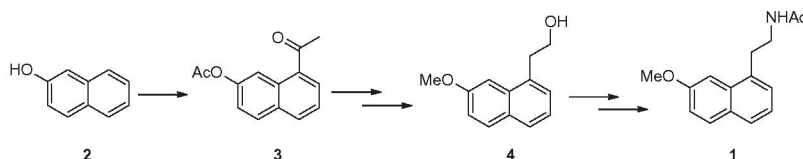
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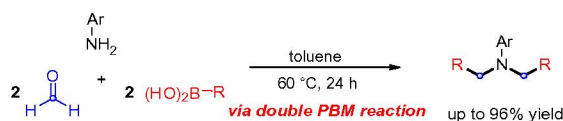
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Jiayi Wang, Pinzhen Li, Qiaoying Shen, Gonghua Song*



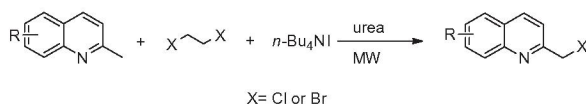
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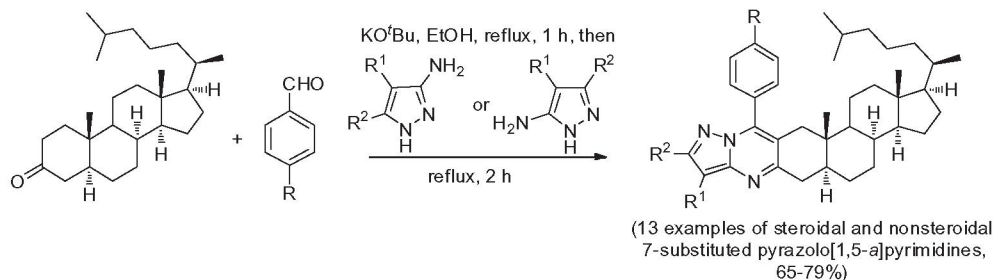
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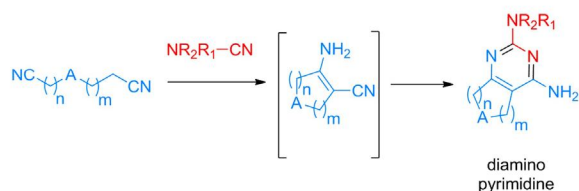
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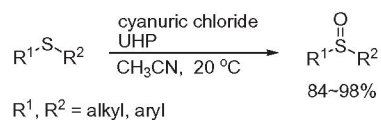
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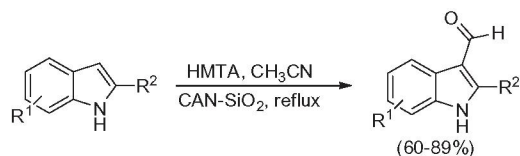
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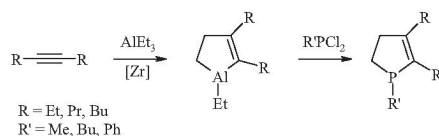
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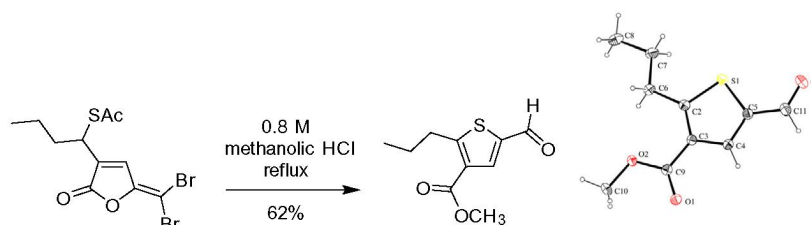
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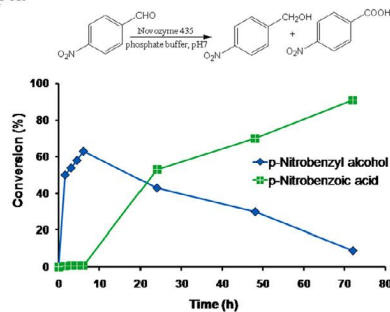
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Benu Arora, Pramod S. Pandey, Munishwar N. Gupta*

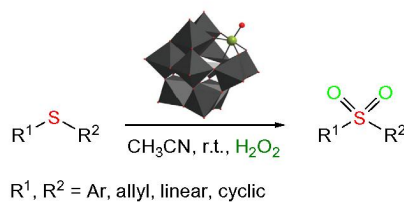


Unusual pattern of product formation in the lipase catalyzed Cannizzaro-type reaction.

**Highly selective and efficient oxidation of sulfides with hydrogen peroxide catalyzed by a chromium substituted Keggin type polyoxometalate**

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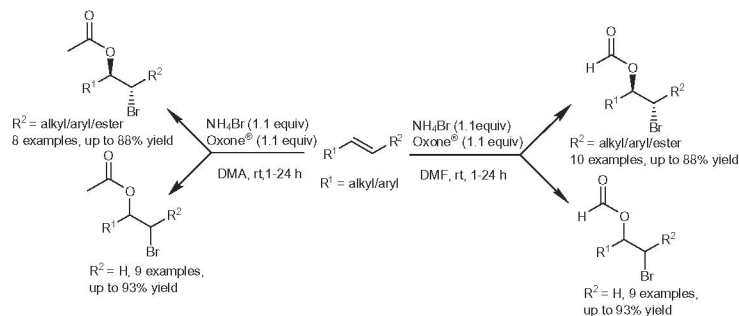
Roozbeh Afrasiabi, Mostafa Riahi Farsani, Bahram Yadollahi*

Chromium substituted Keggin type polyoxometalate catalyzed oxidation of various sulfides into the corresponding sulfones in excellent yields with 4 equiv of 30% H₂O₂. Under these mild reaction conditions the sulfide group was highly reactive, and other functional groups were unaffected.

A simple and facile method for regio- and stereoselective bromoformyloxylation and bromoacetoxylation of olefins using NH_4Br and oxone®

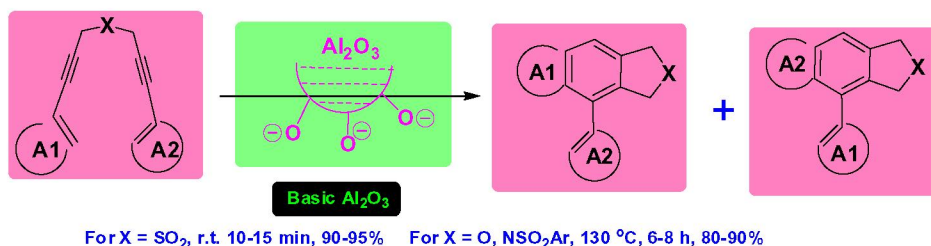
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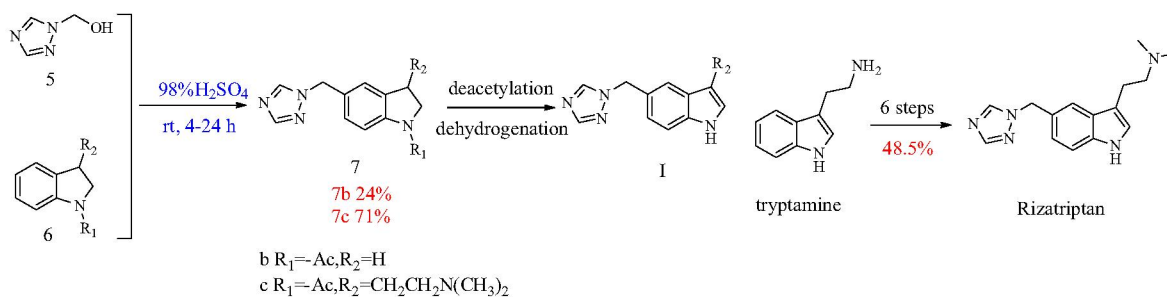


A simple green protocol for carrying out the GB reaction on basic alumina support is described. The reaction proceeded in high yields and with significantly higher selectivity in case of ethers and sulfonamides with dissimilar aryl groups.

**A novel and convenient route for the construction of 5-((1H-1,2,4-triazol-1-yl)methyl)-1H-indoles and its application in the synthesis of Rizatriptan**

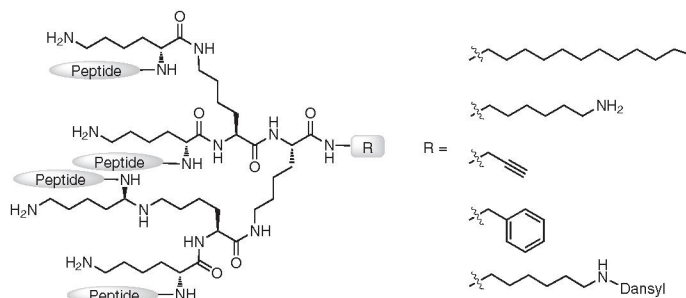
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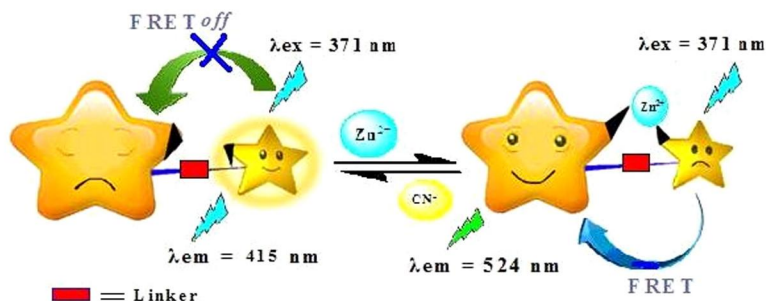
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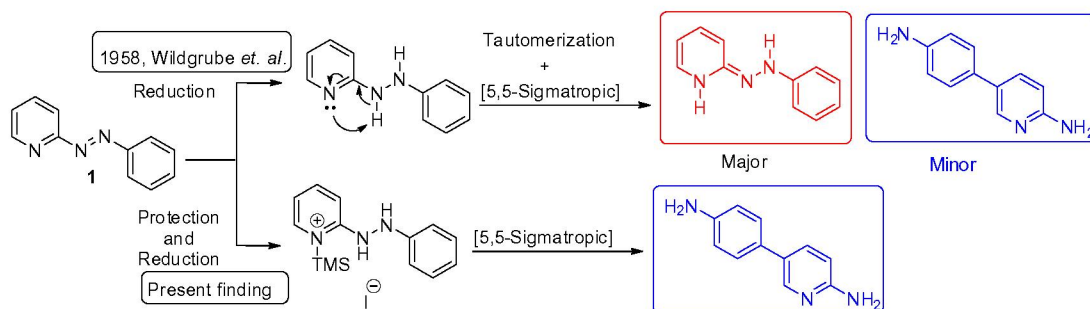
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Shyamaprosad Goswami*, Sima Paul, Abhishek Manna


Improved synthesis of pyridyl–biaryl ring systems via benzidine rearrangements

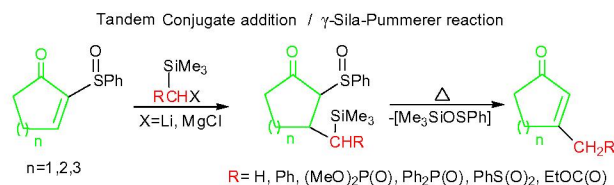
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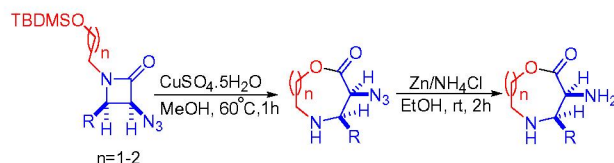
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Maciej Mikina, Marian Mikołajczyk*


Cu-promoted single-pot intramolecular esterification of C-3 functionalized azetidion-2-one: an efficient diastereoselective access to azido-/amino-aza-lactones

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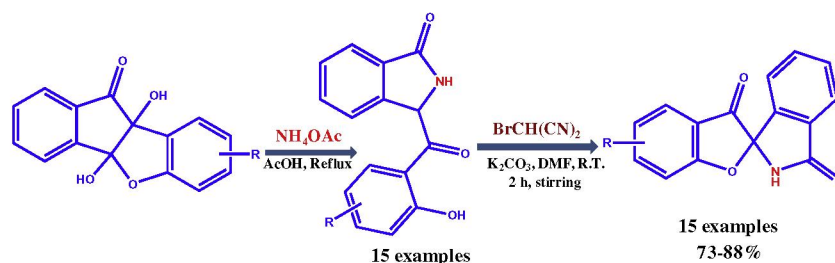
Kewal Kumar, Sumit Kumar, Tejinder Singh, Amit Anand, Vipin Kumar*



Facile synthesis of 3*H*,3'*H*-spiro[benzofuran-2,1'-isoindole]-3,3'-diones using monobromomalononitrile (MBM) as an efficient organo-brominating agent

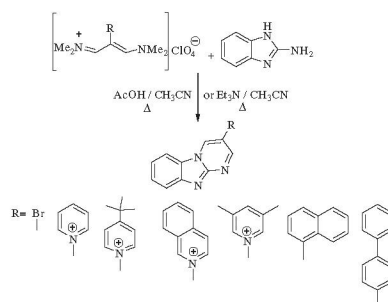
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Ashis Kundu, Sudipta Pathak, Kamalesh Debnath, Animesh Pramanik*

**Synthesis and characterization of new benzimidazole derivatives using 2-substituted 1,3-bis(dimethylamino)-trimethinium salts**

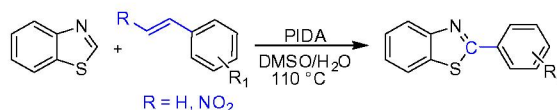
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A. M. Mehranpour*, M. Zahiri

**Phenylidonium diacetate mediated arylation of benzothiazoles with substituted styrenes**

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Ahmed Kamal*, N. V. Subba Reddy, B. Prasad

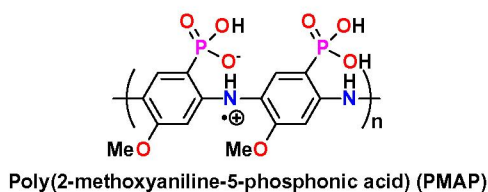


A metal free PIDA mediated arylation of benzothiazoles from styrenes or β -nitrostyrenes was developed. The reaction proceeded well for a wide variety of substituted styrenes to give 2-aryl substituted benzothiazoles.

**Synthesis of self-doped conducting polyaniline bearing phosphonic acid**

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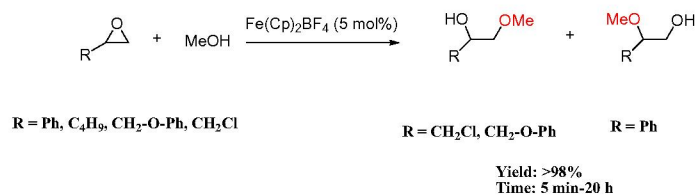
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Ring opening of epoxides with alcohols using $\text{Fe}(\text{Cp})_2\text{BF}_4$ as catalyst

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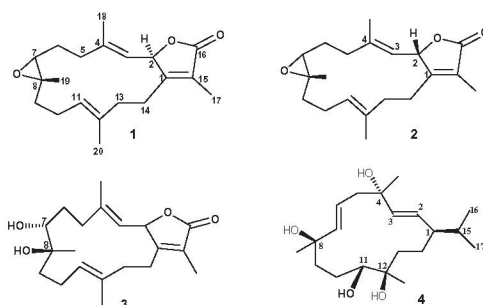
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Cytotoxic cembranoids from the Red Sea soft coral, *Sarcophyton auritum*

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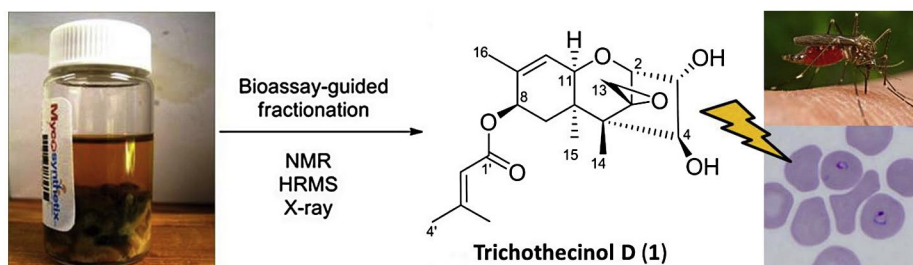
Nermeen A. Eltahawy, Amany K. Ibrahim, Mohamed M. Radwan, Mahmoud A. ElSohly, Hashim A. Hassanean, Safwat A. Ahmed*



A potent antimalarial trichothecene from hyphomycete species

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Carrie Waterman, Laurent Calcul, Tina Mutka, Dennis E. Kyle, Cedric J. Pearce, Bill J. Baker*

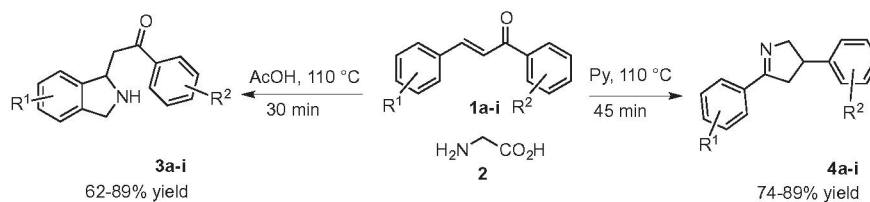


Antimalarial screening of diverse fungal samples resulted in the isolation and identification of a new sesquiterpene, trichothecinol D (1), which exhibited potent in vitro activity against *Plasmodium falciparum* with a 200-fold selectivity for parasite versus mammalian cytotoxicity. Trichothecinol D was obtained by bioassay-guided fractionation of two hyphomycete species. Its chemical characterization was performed by detailed NMR spectroscopy and high resolution mass spectrometry. The absolute configuration of trichothecinol D was determined by X-ray crystallography.



A facile synthesis of isoindoline and Δ^1 -pyrrolines from chalcone and glycine by a cascade of process involving addition, in situ decarboxylation, and cyclization

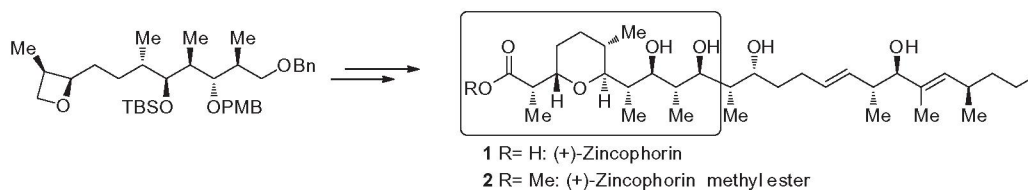
Elangovan Elamparuthi*, Subramaniyan Sarathkumar, Swaminathan Girija, Veerappan Anbazhagan*



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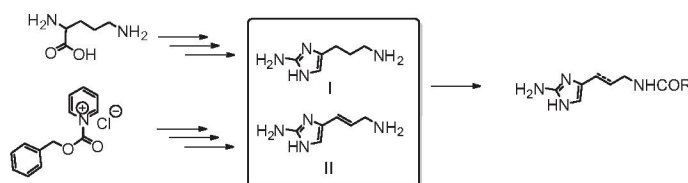
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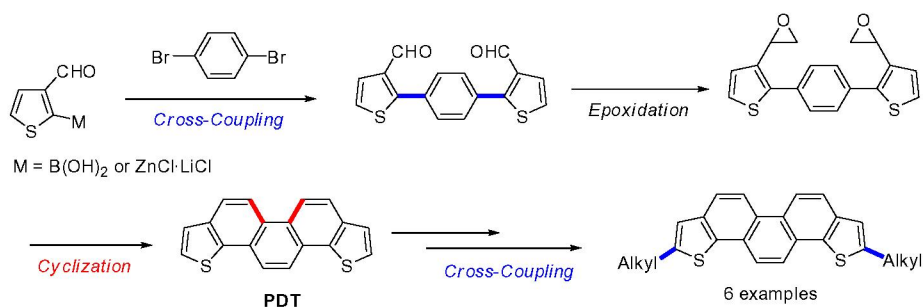
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Aleš Žula, Danijel Kikelj, Janez Ilaš*

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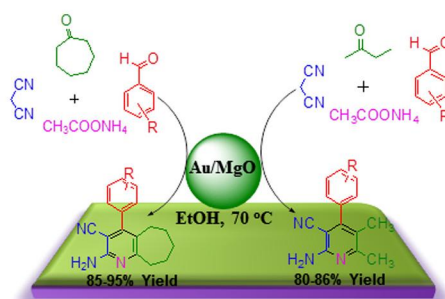
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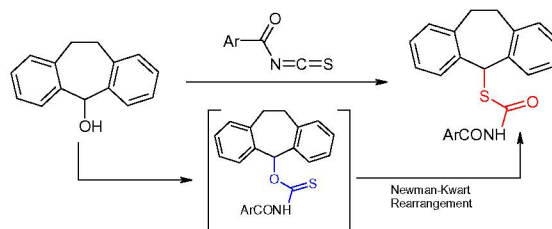
Ramakanth Pagadala, Suresh Maddila, Vashen Moodley, Werner E. van Zyl, Sreekantha B. Jonnalagadda*



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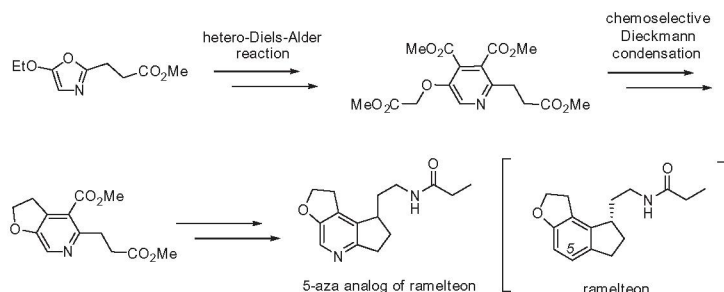
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Yasutaka Hoashi*, Takafumi Takai, Tatsuki Koike, Osamu Uchikawa



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Amac Fatih Tuyun*

*Corresponding author

Supplementary data available via ScienceDirect

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