

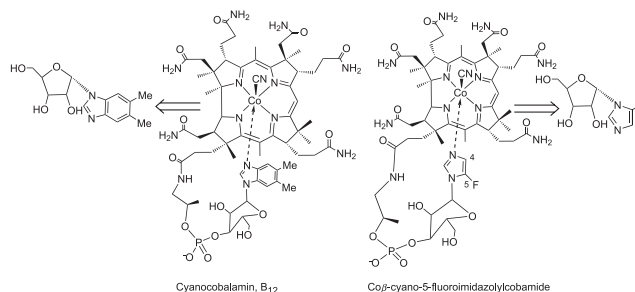
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REPORT

Vitamin B₁₂ and α -ribonucleosides

Tilak Chandra* and Kenneth L. Brown*

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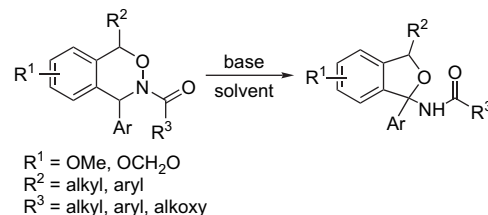
ARTICLES

Novel rearrangement of 1*H*-2,3-benzoxazines to cyclic *N*-acyl hemiaminals: application to the synthesis of 1-arylnaphthalene skeletal congeners

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Xiu Fang Zheng, Xiao Lei Wang, Jun Biao Chang*, Kang Zhao*

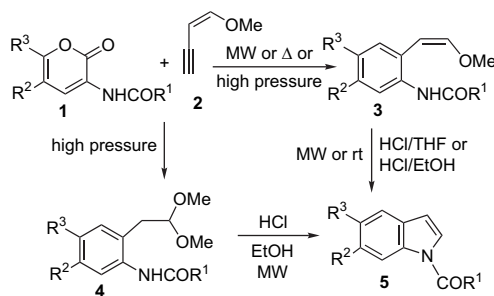
The rearrangement of 1*H*-2,3-benzoxazine derivatives has been investigated. The reaction affords cyclic hemiaminal derivatives for their conversion to the corresponding 1-arylisobenzofurans, which can be trapped by various dienophiles to afford skeletal congeners of 1-arylnaphthalene lignans.



An expedient route to indoles via a cycloaddition/cyclization sequence from (*Z*)-1-methoxybut-1-en-3-yne and 2*H*-pyran-2-ones

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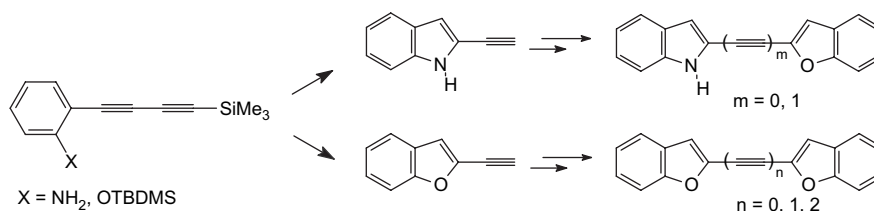
Krištof Kranjc, Marijan Kočevar*



A straightforward synthesis of indole and benzofuran derivatives

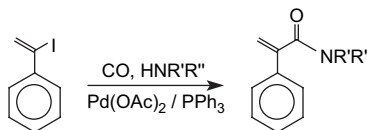
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**High-yielding synthesis of 2-arylacrylamides via homogeneous catalytic aminocarbonylation of α -iodostyrene and α,α' -diiodo-1,4-divinylbenzene**

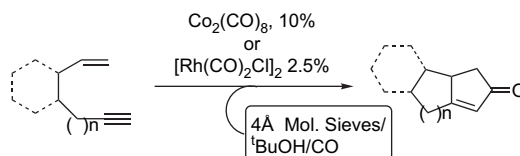
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Attila Takács, Roland Farkas, László Kollár*

**An efficient catalytic protocol for the Pauson–Khand reaction**

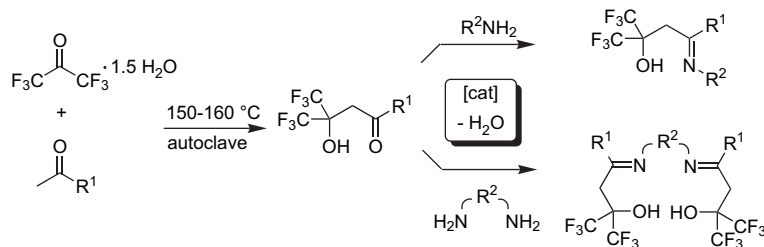
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Jaime Blanco-Urgoiti, Delbrin Abdi, Gema Domínguez, Javier Pérez-Castells*

**Convenient synthesis of mono- and di- β -hydroxy- β -bis(trifluoromethyl)- (di)imines from β -hydroxy- β -bis(trifluoromethyl)-ketones and (di)amines**

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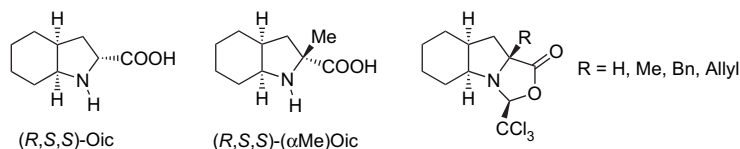
Nicolas Marquet, Ekaterina Grunova, Evgueni Kirillov, Miloud Bouyahyi, Christophe M. Thomas, Jean-François Carpentier*



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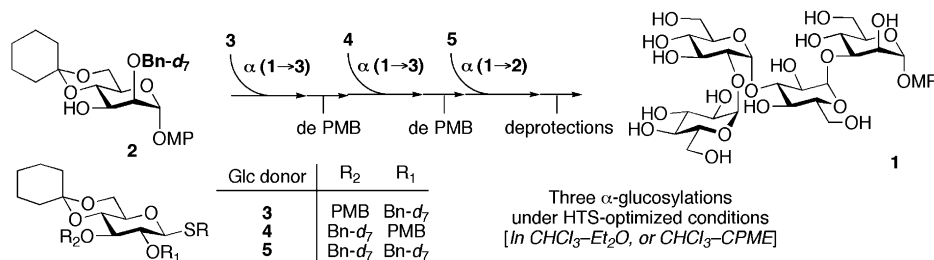
Francisco J. Sayago, M. Isabel Calaza, Ana I. Jiménez, Carlos Cativiela*



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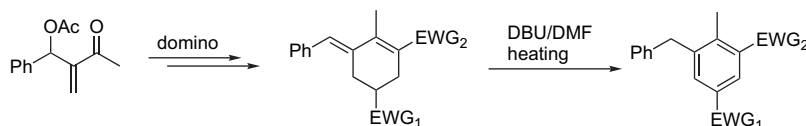
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Seung Chan Kim, Ka Young Lee, Hyun Seung Lee, Jae Nyoung Kim*

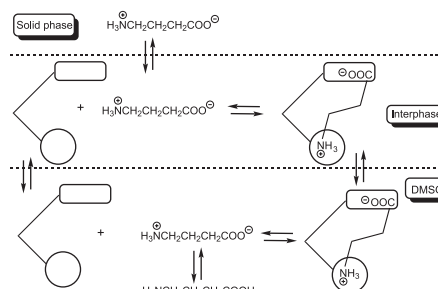


Solid–liquid extraction of ω -amino acids using ditopic receptors

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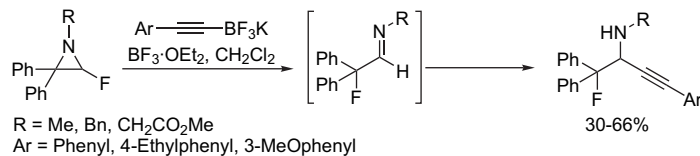
Ana M. Costero*, Gemma M. Rodríguez-Muñiz, Salvador Gil, Sergio Peransi, Pablo Gaviña

Ditopic receptors as efficient solid–liquid extractants for ω -amino acids are studied. In DMSO, both free non-zwitterionic amino acid along with its zwitterionic complexed form are present. Thus, the ratio between amino acid extracted and ligand can be higher than 1, being the highest ratio for 4-aminobutanoic acid.



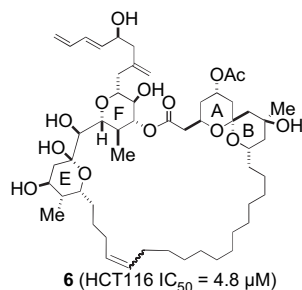
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Synthesis and biological evaluation of analogs of altohyrtin C (spongistatin 2) pp. 124–136

Carl E. Wagner*, Qiang Wang, Alexander Melamed, Craig R. Fairchild, Robert Wild, Clayton H. Heathcock

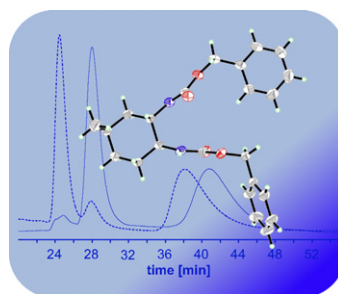


The synthesis of several analogs, including **6** (HCT116 IC₅₀ = 4.8 μM), is reported.



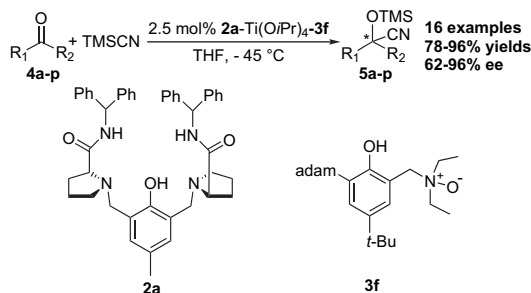
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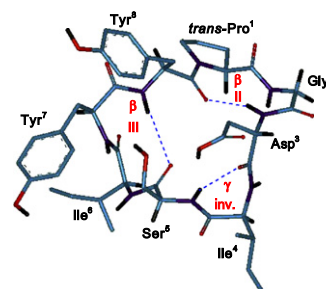
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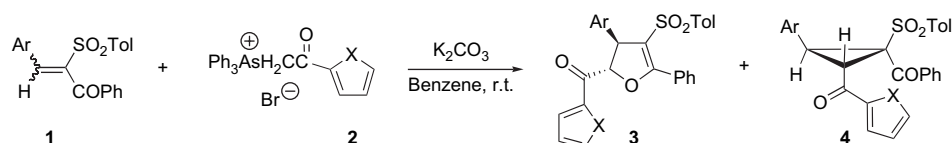
Alassane Wélé, Claudine Mayer, Quentin Dermigny, Yanjun Zhang, Alain Blond, Bernard Bodo*

Cycloreticulin A: *cyclo*(Pro¹-Gly²-Asp³-Ile⁴-Ser⁵-Ile⁶-Tyr⁷-Tyr⁸). Cycloreticulin B: *cyclo*(Pro¹-Mso²-Tyr³-Gly⁴-Thr⁵-Val⁶-Ala⁷-Val⁸).



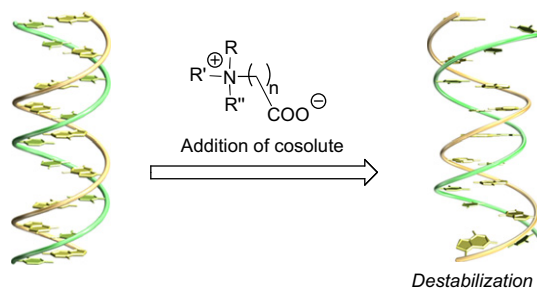
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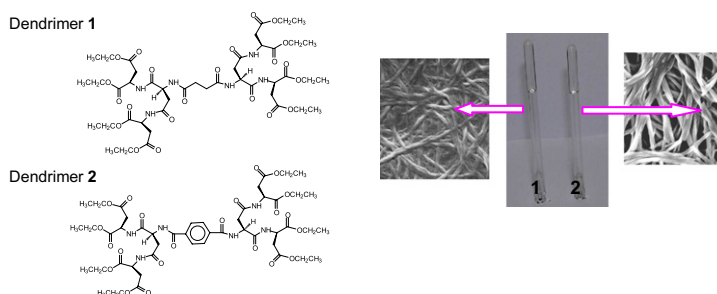
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Kazuya Koumoto, Hirofumi Ochiai, Naoki Sugimoto*



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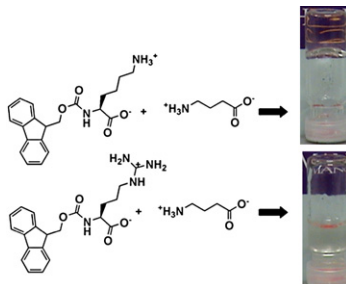
Goutam Palui, François-Xavier Simon, Marc Schmutz, Philippe J. Mesini*, Arindam Banerjee*



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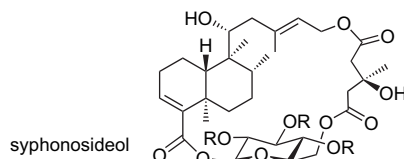
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Debasish Haldar


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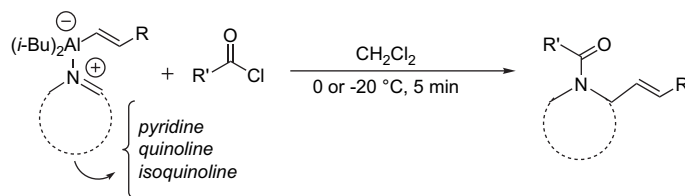
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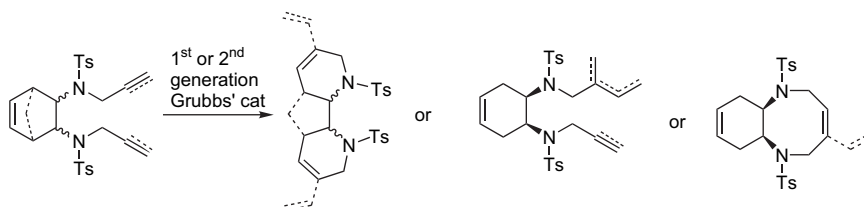
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G. Signore, C. Malanga, R. Menicagli*


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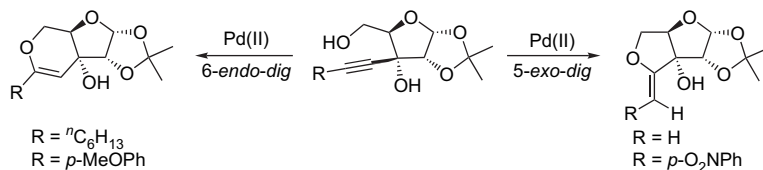
Elisabetta Groaz, Donatella Banti*, Michael North



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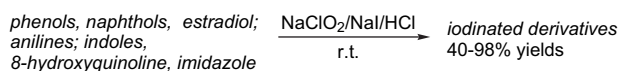
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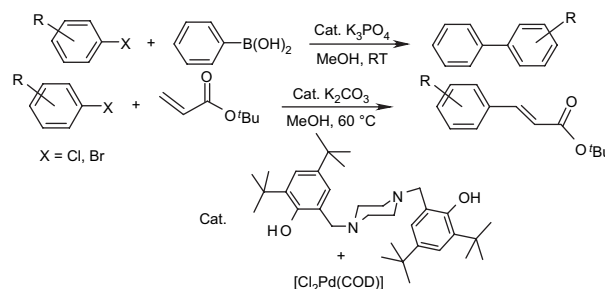
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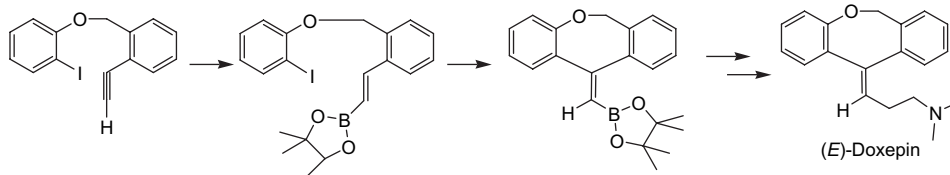
Sasmita Mohanty, D. Suresh, Maravanji S. Balakrishna*, Joel. T. Mague

The bulky ligand 1,4-bis(2-hydroxy-3,5-di-*tert*-butylbenzyl)piperazine with [Cl₂Pd(COD)] is an efficient catalyst for Suzuki and Heck coupling reactions.


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Cuihua Xue, Shi-Hao Kung, Jian-Zhong Wu, Fen-Tair Luo*




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*Corresponding author

* Supplementary data available via ScienceDirect



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ISSN 0040-4020