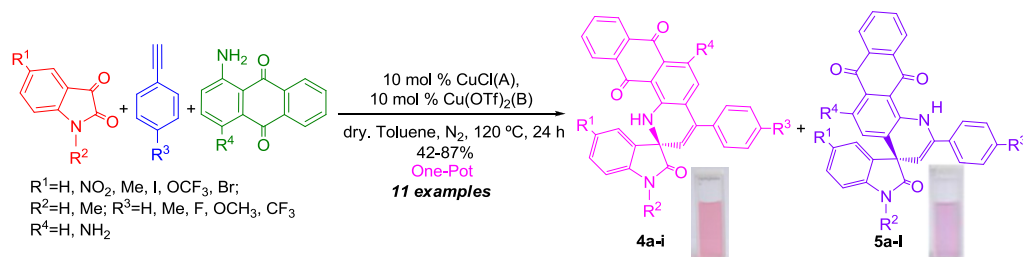


Unusual reactivity of 1-aminoanthraquinone in copper catalyzed multicomponent reaction with isatins and aryl alkynes: synthesis and photophysical properties of regioisomeric fluorescent 3-spiroheterocyclic 2-oxindoles

pp 2891–2899

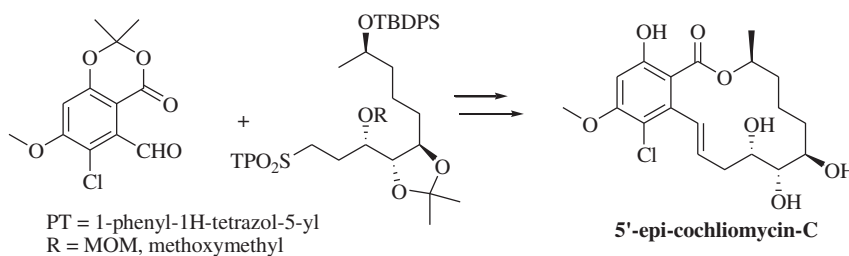
Somasundharam Periyaraja, Ponnusamy Shanmugam*, Asit Baran Mandal, Thiyagarajan Senthil Kumar, Perumal Ramamurthy*



Asymmetric total synthesis of 5'-*epi*-cochliomycin C

pp 2900–2908

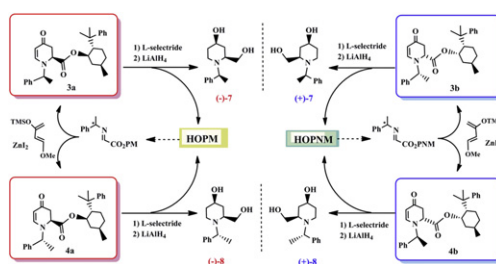
Nandan Jana, Debabrata Das, Samik Nanda*



Highly stereoselective cycloadditions of Danishefsky's diene to (–)-8-phenylmenthyl and (+)-8-phenylneomenthyl glyoxylate *N*-phenylethylimines

pp 2909–2919

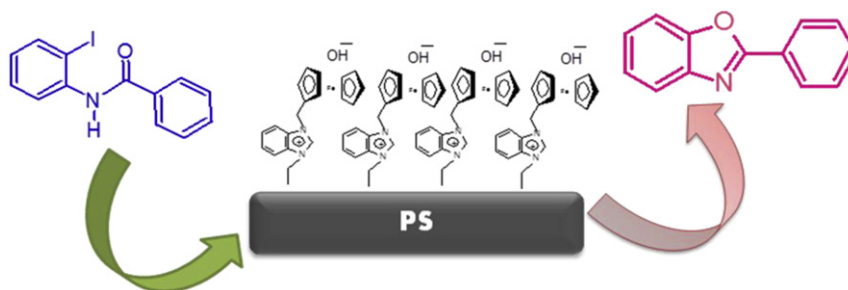
Xerardo García-Mera, Maria J. Alves, Albertino Goth, Maria Luísa do Vale, José E. Rodríguez-Borges*



Intramolecular O-arylation route to 2-substituted benzoxazoles mediated by ferrocene tethered polymer supported ionic liquid phase catalyst

pp 2920–2926

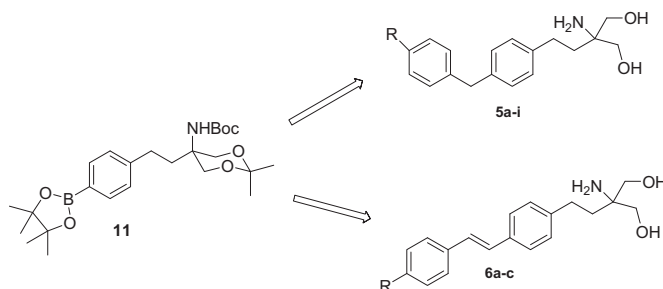
Jagannath Jadhav, Vipul Gaikwad, Rajanikant Kurane, Rajashri Salunkhe, Gajanan Rashinkar*



Suzuki coupling based synthesis and in vitro cytotoxic evaluation of Fingolimod and analogues

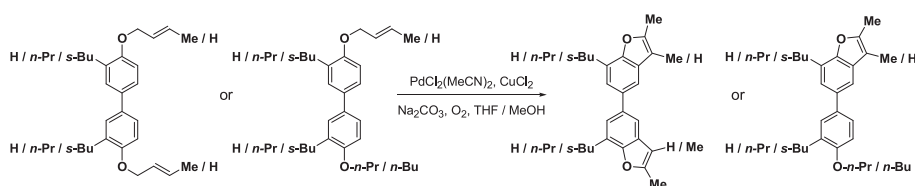
pp 2927–2932

Tie-Wen Mei, Yu Luo*, Xiang-Jun Feng, Wei Lu*, Bo Yang

**Synthesis of 5,5'-bis-benzofurans and 5-arylbenzofurans**

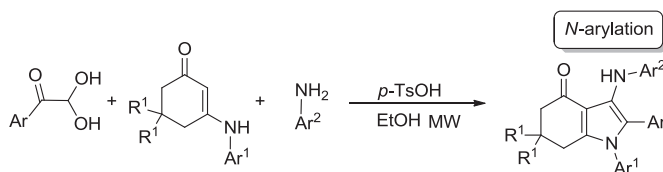
pp 2933–2940

Meng-Yang Chang*, Shin-Ying Lin, Chieh-Kai Chan

**Multicomponent formation of fused pyrroles through *p*-TsOH promoted N-arylation**

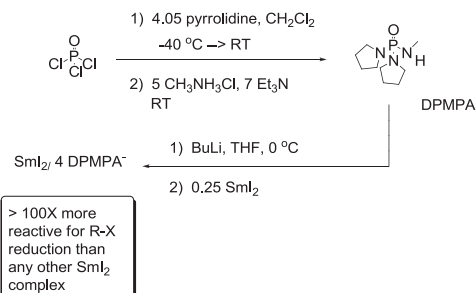
pp 2941–2946

Ying Li, Qiu-Yun Li, Hai-Wei Xu, Wei Fan, Bo Jiang*, Shu-Liang Wang, Shu-Jiang Tu*

**Dipyrrolidinomethylaminophosphoric acid triamide (DPMPA) as an activator for the samarium diiodide-mediated reduction of alkyl and aryl halides**

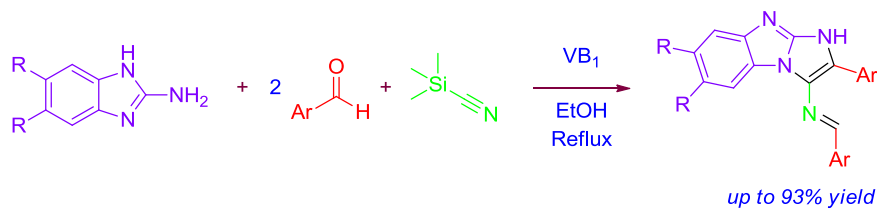
pp 2947–2953

Chriss E. McDonald*, Jeremy R. Ramsey, David G. Sampsell, Laura A. Anderson, Jordan E. Krebs, Samantha N. Smith

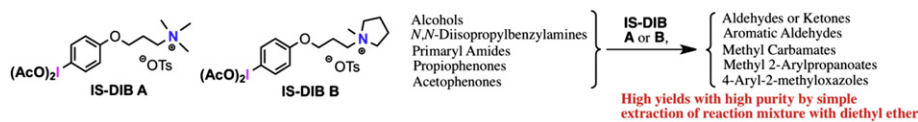


Thiamine hydrochloride (VB₁)-catalyzed one-pot synthesis of (*E*)-*N*-benzylidene-2-phenyl-1*H*-benzo[*d*]imidazo[1,2-*a*]imidazol-3-amine derivatives pp 2954–2960

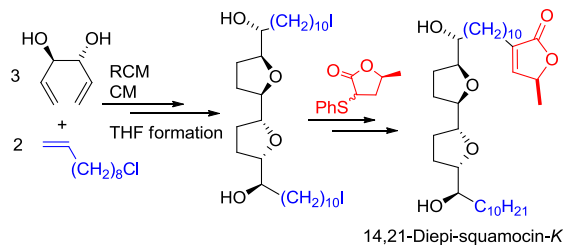
Fanglei Chen, Min Lei*, Lihong Hu*


Various oxidative reactions with novel ion-supported (diacetoxyiodo)benzenes pp 2961–2970

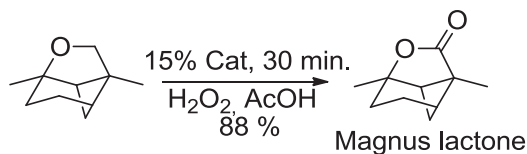
Masataka Inuma, Katsuhiko Moriyama, Hideo Togo*


Total synthesis of 14,21-diepi-squamocin-K pp 2971–2976

Chun-Wei Liu, Tze-Chiun Yeh, Chia-Hsiu Chen, Chia-Chun Yu, Cheng-Sheng Chen, Duen-Ren Hou*, Jih-Hwa Guh


Non-heme iron catalysis in C=C, C–H, and CH₂ oxidation reactions. Oxidative transformations on terpenoids catalyzed by Fe(bpmen)(OTf)₂ pp 2977–2986

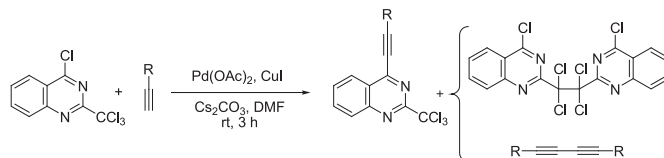
David Clemente-Tejeda, Alejandro López-Moreno, Francisco A. Bermejo*



Sonogashira cross-coupling reaction in 4-chloro-2-trichloromethylquinazoline series is possible despite a side dimerization reaction

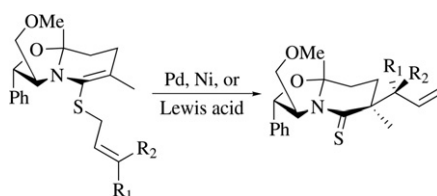
pp 2987–2995

Charline Kieffer, Pierre Verhaeghe, Nicolas Primas, Caroline Castera-Ducros, Armand Gellis, Roselyne Rosas, Sylvain Rault, Pascal Rathelot, Patrice Vanelle*

**Concise synthesis of tylophorine**

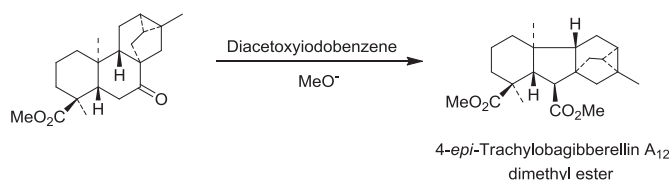
pp 2996–3001

Qj-Xian Lin, Tse-Lok Ho*

**Gibberellin analogues by reaction of 7-oxo-diterpenes with diacetoxyiodobenzene**

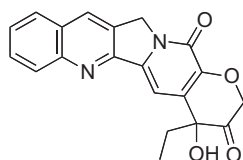
pp 3002–3012

Braulio M. Fraga*, Victoria González-Vallejo, Carlo Bressa, Ricardo Guillermo, Sergio Suárez

**Total synthesis of a novel non-lactone camptothecin analog through microwave-assisted [3,3]-sigmatropic rearrangement**

pp 3013–3018

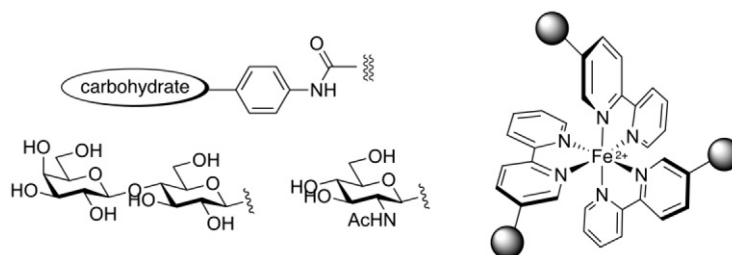
Alice Kanazawa*, Marie Devert, Jean-François Constant, Andrew E. Greene



Glycosylated tris-bipyridine ferrous complexes to provide dynamic combinatorial libraries for probing carbohydrate–carbohydrate interactions

pp 3019–3026

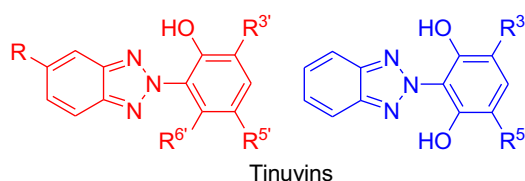
Motomi Nakamura, Mayuka Tsutsumi, Yoshiaki Ishikawa, Haruka Umemiya, Toki Hasegawa, Kazumi Izawa, Haruka Abe, Yosuke Togashi, Tatsuya Kinone, Sho Sekiguchi, Mihiro Igumi, Kanako Ide, Teruaki Hasegawa*



Synthesis and structural study of 2-arylbenzotriazoles related to Tinuvs

pp 3027–3038

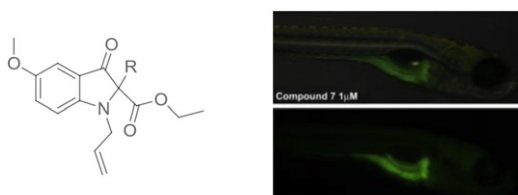
Dolores Santa María, Rosa M. Claramunt*, Vladimir Bobosik, M. Carmen Torralba, M. Rosario Torres*, Ibon Alkorta, José Elguero



An efficient synthesis of LipidGreen and its derivatives via microwave assisted reaction and their live lipid imaging in zebrafish

pp 3039–3044

Haushabhau S. Pagire, Hang-Suk Chun, Myung Ae Bae*, Jin Hee Ahn*



Stereochemical analysis and cytotoxicity of kulokekahilide-2 and its analogues

pp 3045–3053

Masahiro Umehara, Takayuki Negishi, Yukie Maehara, Yoichi Nakao, Junji Kimura*

Compounds	21			24			43			5
	R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	R ₉	R ₁₀
1	Me	H	H	Bn	H	Me	H	H	H	H
1a	H	Me	Bn	H	H	Me	H	H	H	H
1b	H	Me	Bn	H	Me	H	H	H	H	H
1c	Me	H	H	Bn	Me	H	H	H	H	H
1d	Me	H	Bn	H	H	Me	H	H	H	H
1e	H	Me	H	Bn	H	Me	H	H	H	H
1f	Me	H	H	<i>rac</i> -Bn	H	Me	H	H	H	H
1g	Me	H	H	Bn	H	Me	H	H	H	H
1h	Me	H	Bn	H	H	Bn	H	H	H	H

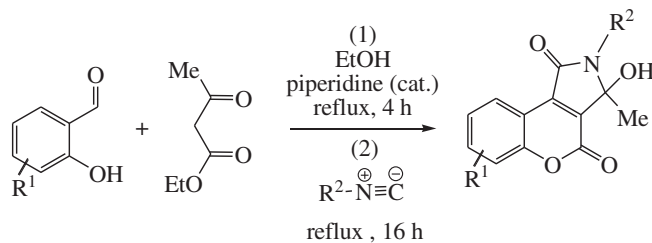


We report the conformational analysis of kulokekahilide-2 and its analogues and the evaluation of their cytotoxicity against human cancer cells.

Synthesis of pyrrole-fused chromanones via one-pot multicomponent reactions

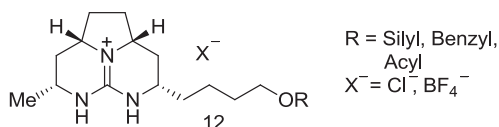
pp 3054–3060

Mehdi Ghandi*, Ali-Tabatabaei Ghomi, Maciej Kubicki

**Synthesis and biological activity of analogues of batzelladine F**

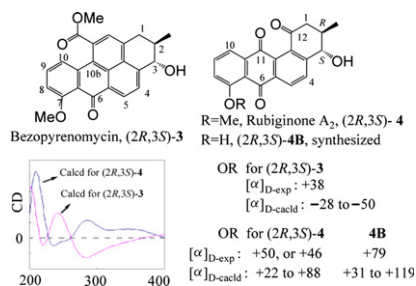
pp 3061–3066

Elliot L. Bennett, Gregory P. Black, Patrick Browne, Amnon Hizi, Mohammed Jaffar, John P. Leyland, Claire Martin, Iris Oz-Gleenberg, Patrick J. Murphy*, Terence D. Roberts, Andrew J. Thornhill, Steven A. Vale

**Determining the absolute configuration of benzopyrenomycin by optical rotation, electronic circular dichroism, and population analysis of different conformations via DFT methods and experiments**

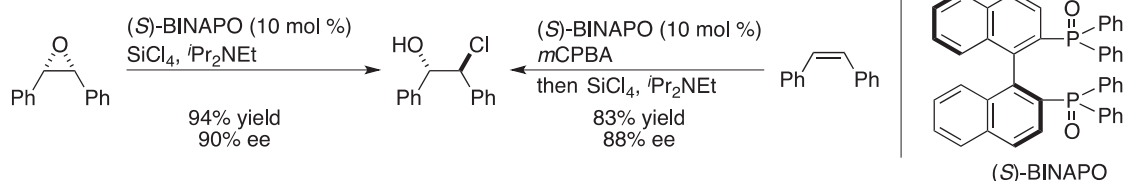
pp 3067–3074

Qing-Ming Li, Jie Ren, Bei-Dou Zhou, Bing Bai, Xin-Chun Liu*, Meng-Liang Wen, Hua-Jie Zhu*

**Facile synthesis of chiral 1,2-chlorohydrins via the ring-opening of *meso*-epoxides catalyzed by chiral phosphine oxides**

pp 3075–3081

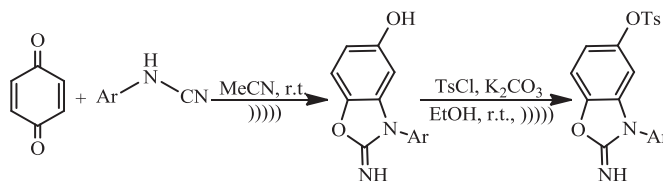
Shunsuke Kotani*, Haruka Furusho, Masaharu Sugiura, Makoto Nakajima*



Ultrasound-promoted synthesis of novel 2-imino-3-aryl-2,3-dihydrobenzo[d]oxazol-5-ol 2-iminooxazolidines derivatives

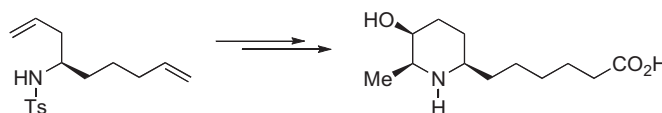
pp 3082–3087

Davood Habibi*, Mahmoud Nasrollahzadeh, Hesam Sahebekhtiari, Richard Vernon Parish

**Synthesis of azimic acid using hydroformylation**

pp 3088–3092

Roderick W. Bates*, Sivarajan Kasinathan



*Corresponding author

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