



Tetrahedron Vol. 69, Issue 15, 2013

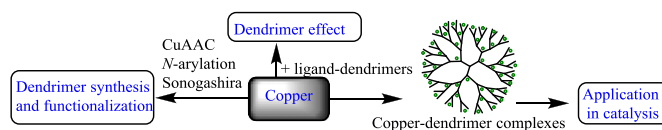
Contents

REPORT

Copper in dendrimer synthesis and applications of copper–dendrimer systems in catalysis: a concise overview

pp 3103–3133

Nabil El Brahmī, Saïd El Kazzouli*, Serge Mignani, Mosto Bousmina, Jean Pierre Majoral*

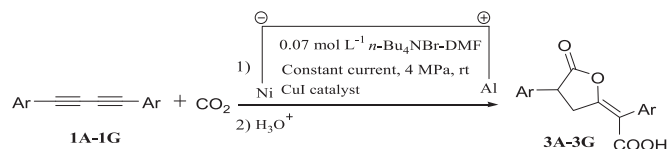


ARTICLES

Copper-catalyzed electrochemical synthesis of alkylidene lactones from carbon dioxide and 1,4-diarylbuta-1,3-diyne

pp 3135–3140

Chuan-Hua Li, Gao-Qing Yuan*, Chao-Rong Qi, Huan-Feng Jiang*



Yields: 38%–80%

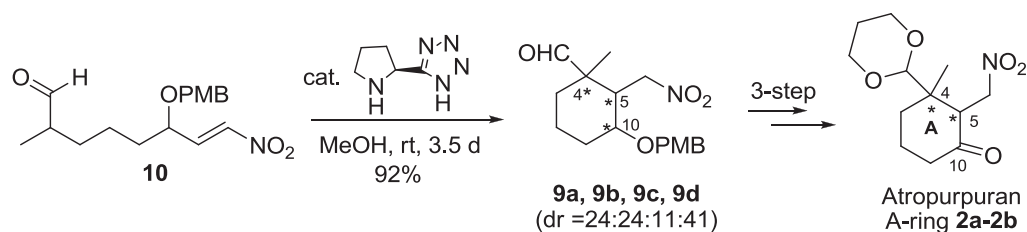
1A: Ar=Ph; **1B:** Ar=*p*-Me-C₆H₄
1C: Ar=*m*-Me-C₆H₄; **1D:** Ar=*o*-Me-C₆H₄
1E: Ar=*p*-(*t*-Bu)-C₆H₄; **1F:** Ar=*p*-F-C₆H₄
1G: Ar=*o*-F-C₆H₄



Synthesis of the atropurpuran A-ring via an organocatalytic asymmetric intramolecular Michael addition

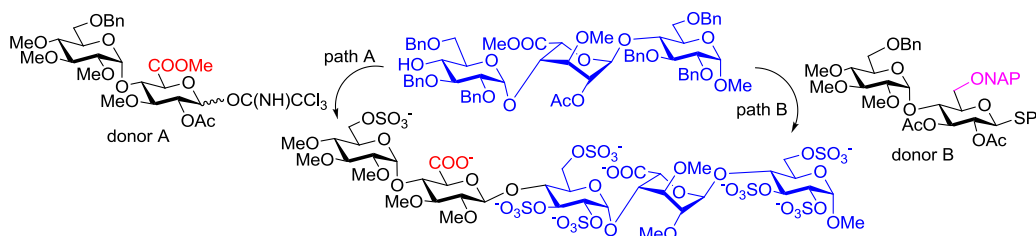
pp 3141–3148

Huan Chen, Dan Zhang*, Fei Xue, Yong Qin


Novel syntheses of Idraparinux, the anticoagulant pentasaccharide with indirect selective factor Xa inhibitory activity

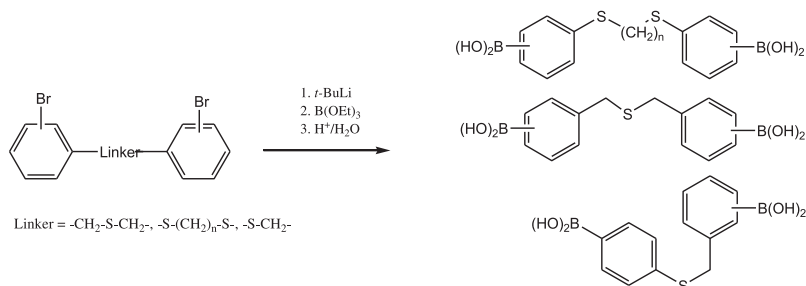
pp 3149–3158

Mihály Herczeg, Erika Mező, László Lázár, Anikó Fekete, Katalin E. Kövér, Sándor Antus, Anikó Borbás*


Substituent effect on benzylic lithiation of sulfides. Synthesis of diboronic acids derived from aryl–alkyl sulfides

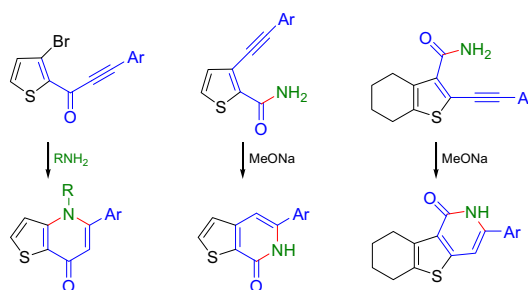
pp 3159–3166

Marek Dąbrowski, Krzysztof Durka, Tomasz Kliś*, Janusz Serwatowski, Krzysztof Woźniak


Efficient synthesis of novel thieno[3,2-*b*]-, [2,3-*c*]- and [3,2-*c*]pyridones by Sonogashira coupling of bromothiophenes with terminal alkynes and subsequent intramolecular C–N bond-forming reaction

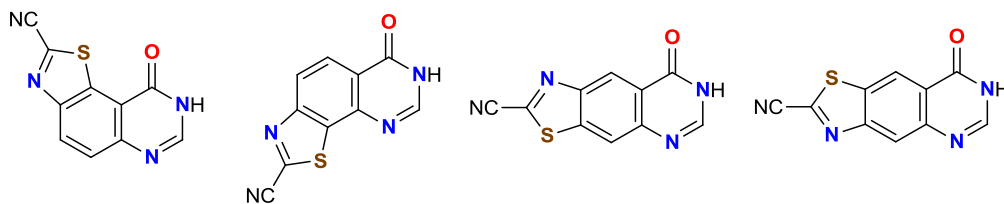
pp 3167–3181

Viktor O. Iaroshenko*, Sajid Ali, Tariq Mahmood Babar, Muhammad S.A. Abbasi, Vyacheslav Ya Sosnovskikh, Alexander Villinger, Andrey Tolmachev, Peter Langer



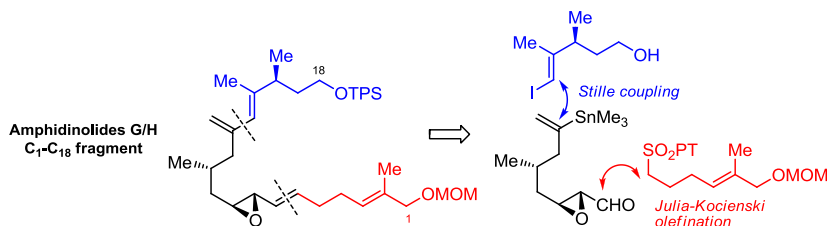
Novel synthesis of angular thiazolo[5,4-*f*] and [4,5-*h*]quinazolines, preparation of their linear thiazolo[4,5-*g*] and [5,4-*g*] quinazoline analogs

Damien Hédou, Rémi Guillon, Charlotte Lecointe, Cédric Logé, Elizabeth Chosson, Thierry Besson*



Stereoselective synthesis of a C1–C18 fragment of amphidinolides G and H

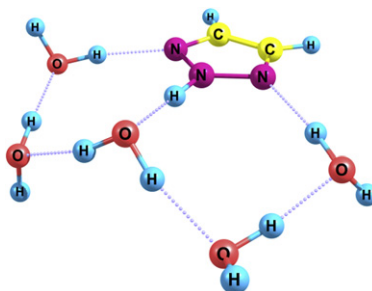
Jorge García-Fortanet, Pilar Formentín, Santiago Díaz-Oltra, Juan Murga, Miguel Carda*, J. Alberto Marco*



Theoretical study on the solvent influence on 1,2,3-triazole tautomeric equilibrium. A comparison of incremental microsolvation and continuum solvation model approaches

Wojciech P. Oziminski

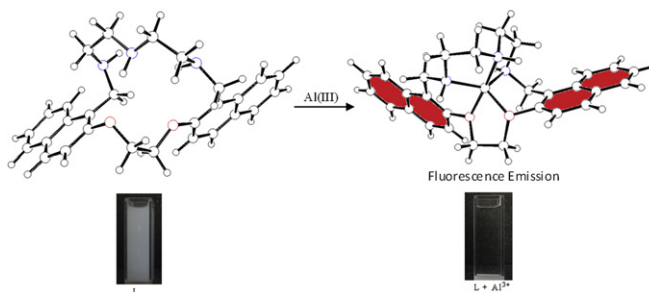
pp 3197–3205



A novel aluminum-sensitive fluorescent nano-chemosensor based on naphthalene macrocyclic derivative

Reza Azadbakht*, Javade Khanabadi

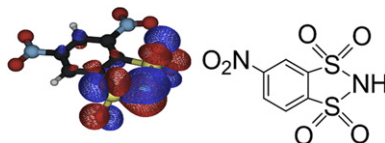
pp 3206–3211



Catalytic properties and acidity of 1,2-benzenedisulfonimide and some of its derivatives. An experimental and computational study

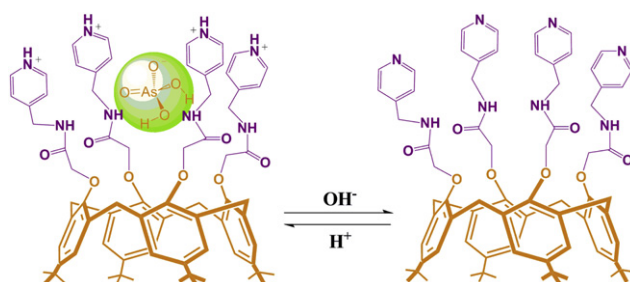
pp 3212–3217

Margherita Barbero, Silvia Berto*, Silvano Cadamuro, Pier Giuseppe Daniele, Stefano Dughera* Giovanni Ghigo*


Synthesis of tetra-substituted calix[4]arene ionophores and their recognition studies toward toxic arsenate anions

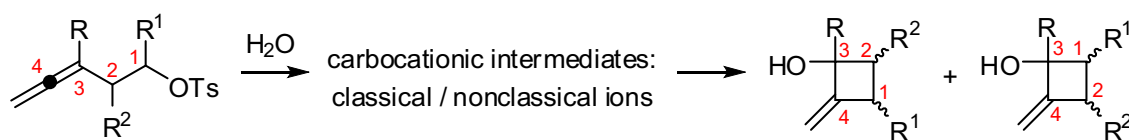
pp 3218–3224

Mevlüt Bayraklı*, Şengül Yiğiter


Evidence for concerted processes in the course of the homoallylic transposition

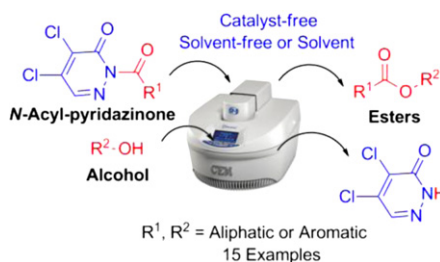
pp 3225–3233

Chahinez Aouf, Nicolas Galy, Maurice Santelli*


Catalyst-free esterification of alcohols using 2-acyl-4,5-dichloropyridazinones under microwave conditions

pp 3234–3237

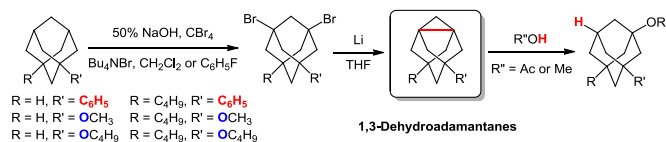
Bo Ram Kim, Gi Hyeon Sung, Sang-Gyeong Lee, Yong Jin Yoon*



Synthesis and ring-opening reaction of novel 1,3-dehydroadamantanes possessing phenyl and alkoxy substituents

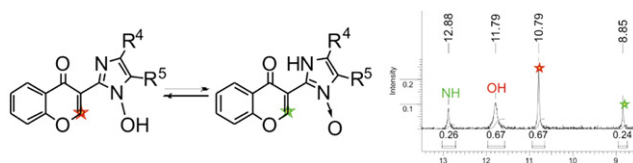
pp 3238–3248

Sotaro Inomata, Yusuke Harada, Shin-ichi Matsuoka, Takashi Ishizone*

**Synthesis and study of prototropic tautomerism of 2-(3-chromenyl)-1-hydroxyimidazoles**

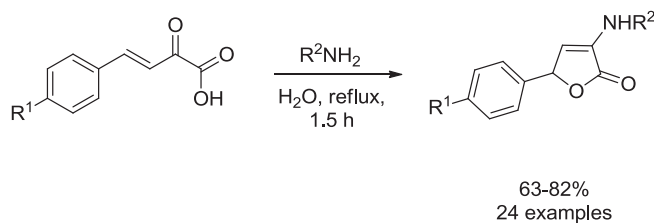
pp 3249–3256

Polina A. Nikitina, Ludmila G. Kuz'mina, Valery P. Perevalov, Iosif I. Tkach*

**A domino amino-lactonisation of arylidene pyruvic acids (APAs) by amines in aqueous media**

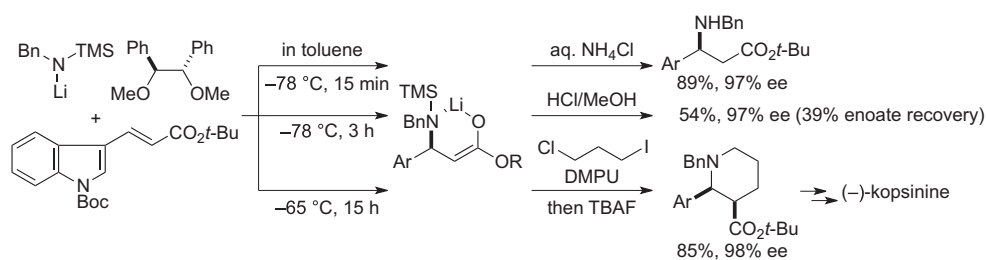
pp 3257–3263

Morteza Shiri*, Majid M. Heravi*, Bita Soleymanifard, Hendrik G. Kruger, Mohammad Ali Zolfigol

**Critical profiles of chiral diether-mediated asymmetric conjugate aminolithiation of enoate with lithium amide as a key to the total synthesis of (-)-kopsinine**

pp 3264–3273

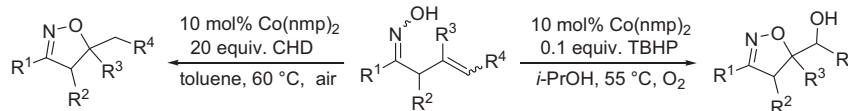
Shingo Harada, Takeo Sakai, Kiyosei Takasu, Ken-ichi Yamada, Yasutomo Yamamoto, Kiyoshi Tomioka*



Cobalt-catalyzed aerobic oxidative cyclization of β,γ -unsaturated oximes

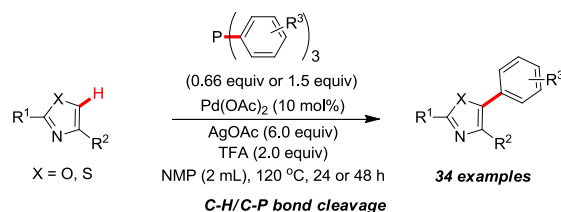
pp 3274–3280

Weifei Li, Pingjing Jia, Bing Han, Dianjun Li, Wei Yu*

**Aryl–aryl coupling via palladium-catalyzed C–P/C–H bond cleavage**

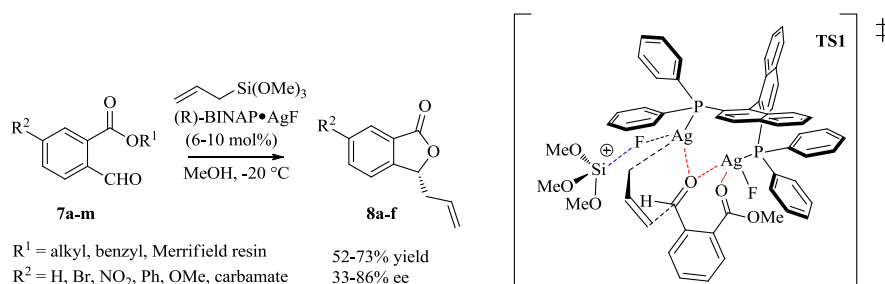
pp 3281–3286

Ziyuan Li, Haipin Zhou, Jinyi Xu, Xiaoming Wu, Hequan Yao*

**A synthetic route to chiral $C_{(3)}$ -functionalized phthalides via a Ag(I)-catalyzed allylation/transesterification sequence**

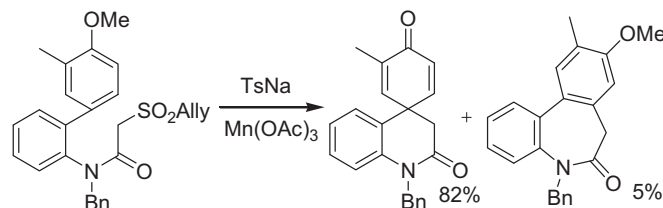
pp 3287–3292

Roya Mirabdolbaghi, Travis Dudding*

**Free radical cyclization reactions of allylsulfonyl substituted *N*-aryl amide derivatives**

pp 3293–3301

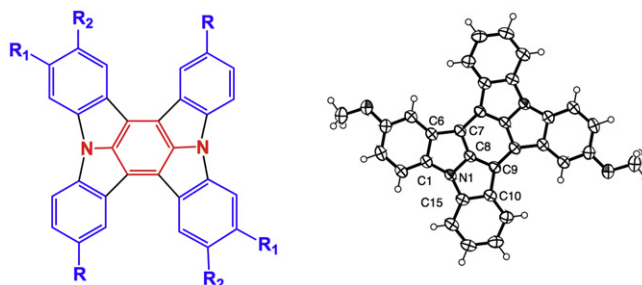
Che-Ping Chuang*, An-I Tsai, Ming-Yi Tsai



Substituted dibenzo[2,3:5,6]-pyrrolizino[1,7-*bc*]indolo[1,2,3-*lm*]carbazoles: a series of new electron donors

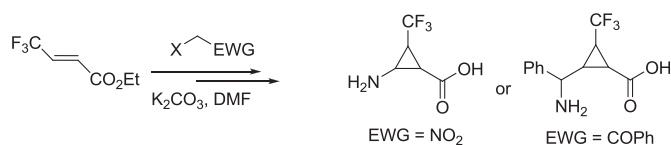
pp 3302–3307

Morgane Rivoal, Laura Bekere, David Gachet, Vladimir Lokshin, Wladimir Marine, Vladimir Khodorkovsky*

**Access to novel amino trifluoromethyl cyclopropane carboxylic acid derivatives**

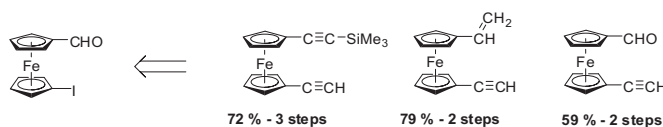
pp 3308–3315

Massaba Keita, Rocco De Bona, Mickael Dos Santos, Olivier Lequin, Sandrine Onger, Thierry Milcent, Benoit Crousse*

**1'-Trimethylsilylethynyl-, 1'-ethenyl- and 1'-formyl-1-ethynylferrocenes: syntheses and electrochemical properties**

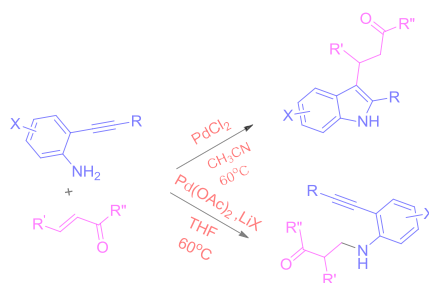
pp 3316–3322

Guillaume Grelaud, Gilles Argouarch, Marie P. Cifuentes, Mark G. Humphrey*, Frédéric Paul*

**The PdCl₂-catalyzed sequential heterocyclization/Michael addition cascade in the synthesis of 2,3-disubstituted indoles**

pp 3323–3330

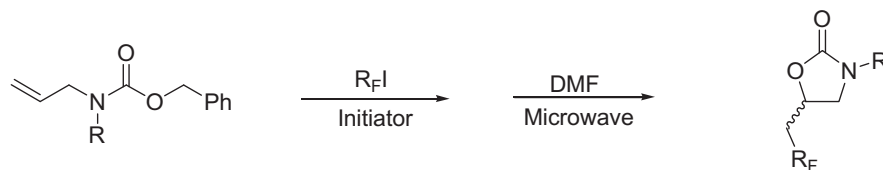
Donala Janreddy, Veerababurao Kavala, Chun-Wei Kuo, Ting-Shen Kuo, Chiu-Hui He, Ching-Fa Yao*



Microwave-assisted expeditious synthesis of 5-fluoroalkyl-3-(aryl/alkyl)-oxazolidin-2-ones

pp 3331–3337

Bo Yang, Luyan Shi, Jingjing Wu, Xiang Fang, Xueyan Yang*, Fanhong Wu*

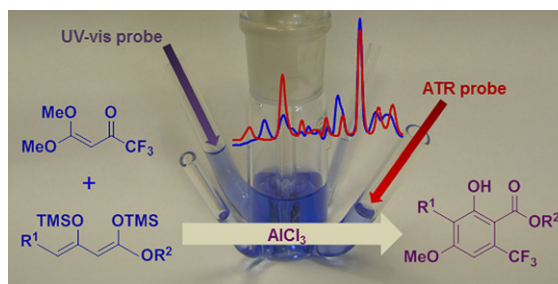


R = phenyl; 4-methylphenyl; 4-methoxyphenyl; 4-chloro-phenyl; phenylethyl; 3-F-4-morpholine

R_F = Cl(CF₂)₂; C₄F₉; 5-(difluormethyl)-3-phenyl-1,2,4-oxadiazole**Identification of reaction intermediates in AlCl₃-mediated cyclocondensation reactions by simultaneous in situ ATR-FTIR and UV-vis spectroscopy**

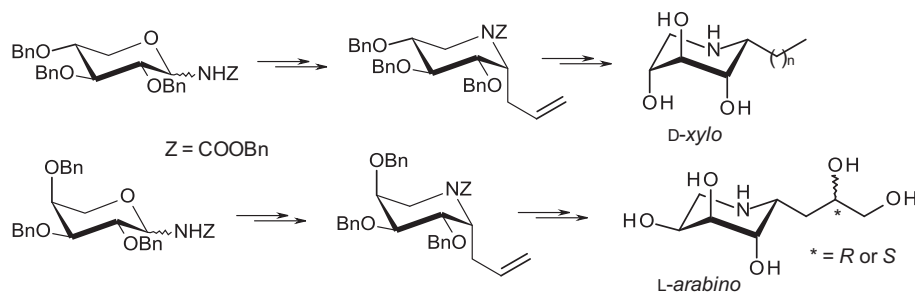
pp 3338–3347

Sebastian Reimann, Leif R. Knöpke, Anke Spannenberg, Angelika Brückner, Oliver Kühn, Peter Langer*, Ursula Bentrup*

**An improved methodology for the synthesis of 1-C-allyl imino-D-xylitol and -L-arabinitol and their rapid functionalization**

pp 3348–3354


Anna Biela, Farah Oulaïdi, Estelle Gallienne, Marcin Górecki, Jadwiga Frelek, Olivier R. Martin*



CORRIGENDUM

Corrigendum to “Oxidative cyclization of 3-oxopropanenitriles with α,β -unsaturated amides by manganese(III) acetate. Regio- and stereoselective synthesis of 4-cyano-2,3-dihydrofuran-3-carboxamides” [Tetrahedron 63 (2007) 7229–7239] **p 3355**
E. Vildan Burgaz, Mehmet Yilmaz*, A. Tarik Pekel, Atilla Oktemer

*Corresponding author

 Supplementary data available via SciVerse ScienceDirect

COVER

Novel trifluoromethylated cyclopropanes have been synthesized by Michael addition and nucleophilic cyclisation process from the trifluoromethylcrotonate and nucleophilic reagents. Fluorinated cyclopropanes were obtained with good to excellent diastereoselectivities. © 2013 M. Keita, R. De Bona, M. Dos Santos, O. Lequin, S. Ongeri, T. Milcent, B. Crousse.

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