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姓名:	马大为	性别:	男
职称:	研究员	学历:	研究生
电话:	021-54925130	传真:	021-64166128
电子邮件:	madw@mail.sioc.ac.cn	个人主页:	
通讯地址:	上海市零陵路345号生命有机国家重点实验室 200032		



简历:

1984年毕业于山东大学化学系; 1989年于中国科学院上海有机化学研究所获博士学位; 1990-1994年在美国匹兹堡大学化学系和Mayo Clinic神经化学和神经生物学研究部进行博士后研究; 现任中国科学院上海有机化学研究所研究员、副所长兼纪委书记

研究方向:

具有重要生理活性的复杂天然产物的全合成及结构-活性关系研究; 针对特殊靶点如G-蛋白偶连受体, 蛋白激酶, 蛋白水解酶和细胞凋亡过程的小分子调节剂的发现; 有机合成方法学的发展和其在合成生物活性分子中的应用。

专家类别:

百人; 杰青; 研究员

职务:

副所长、纪委书记、课题组长

社会任职:

获奖及荣誉:

求是科技基金会杰出青年学者奖(1998); 中国青年科技奖(1998); 上海市十大杰出青年(2001); 上海市科学进步一等奖(2005); 国家自然科学基金二等奖(2007); 上海市科技精英(2009)

代表论著:

1. Qian Cai, Benli Zou, Dawei Ma*, Mild Ullmann-type biaryl ether formation reaction via combination of ortho-substituent and ligand effects, *Angew. Chem. Int. Ed.* 2006, 45, 1276.
2. Dawei Ma*, Yongwen Jiang, Fangping, Chen, Li-kun, Gong, Ke Ding, Yong Xu, Renxiao Wang, Aihua Ge, Jin Ren*, Jingya Li, Jia Li and Qizhuang Ye, Selective inhibition of matrix metalloproteinase isozymes and in vivo protection against emphysema by substituted γ -keto carboxylic acids. *J. Med. Chem.* 2006, 49, 456.
3. Shouyun Yu, Xianhua Pan and Dawei Ma*, Total syntheses of halipeptins A-D, potent anti-inflammatory cyclic depsipeptides, *Chem. Eur. J.* 2006, 12, 6572.
4. Qian Cai, Gang He and Dawei Ma*, Mild and Non-racemization conditions for Ullmann-type diaryl ether formation between aryl halides and tyrosine derivatives, *J. Org. Chem.* 2006, 71, 5268.
5. Dawei Ma*, Bin Zou, Guorong Cai, Xiaoyi Hu and Jun O. Liu, Total synthesis of cyclodepsipeptide apratoxin A and its analogues and assessment of their biological activity, *Chem. Eur. J.* 2006, 12, 7615.
6. Shanghai Yu, Xiaotao Pu, Tiejun Cheng, Renxiao Wang and Dawei Ma*, Total Synthesis of Clavepictines A and B and Pictamine, *Org. Lett.* 2006, 8, 3179. 7. Xiaotao Pu and Dawei Ma*, Facile entry to decahydroquinoline alkaloids. Total synthesis of lepadins A-E and H, *J. Org. Chem.* 2006, 71, 6562.
8. Xiaoran Xie, Yu Chen, Dawei Ma, Enantioselective arylation of 2-methylacetoacetates catalyzed by CuI/trans-4-hydroxy-L-proline at low reaction temperature, *J. Am. Chem. Soc.* 2006, 128, 16050.
9. Dawei Ma, * Shanghai Yu, Ben Li, Li Chen, Renhai Chen, Kunqian Yu, Linqi Zhang, Zhiwei Chen, Dafang Zhong, Zheng Gong, Renxiao Wang, Hualiang Jiang and Gang Pei, Synthesis and biological evaluation of 1,3,3,4-tetrasubstituted pyrrolidine CCR5 receptor antagonists. Discovery of a potent and orally bioavailable anti-HIV agent. *ChemMedChem.* 2007, 2, 187-193.
10. Benli Zou, Qiliang Yuan, Dawei Ma*, 1,2-Disubstituted benzimidazoles by a Cu-catalyzed

- cascade aryl amination-condensation process, *Angew. Chem. Int. Ed.* 2007, 46, 2598.
11. Gang He, Jing Wang, Dawei Ma*, Highly convergent route to cyclopeptide alkaloids. Total synthesis of ziziphine N, *Org. Lett.* 2007, 9, 1367.
 12. Zhankui Sun, Shouyun Yu, Zuoding Ding and Dawei Ma*, Enantioselective addition of activated terminal alkynes to 1-acylpyridinium salts catalyzed by u-bis(oxazoline) complexes, *J. Am. Chem. Soc.* 2007, 129, 9300.
 13. Yu Chen, Xiaohan Xie and Dawei Ma*, Facile access to polysubstituted indoles via a cascade Cu-catalyzed arylation-condensation process, *J. Org. Chem.* 2007, 72, 9329.
 14. Benli Zou, Qiliang Yuan, Dawei Ma*, Cascade coupling/cyclization process to N-substituted 1,3-dihydrobenzimidazol-2-ones, *Org. Lett.* 2007, 9, 4291.
 15. Shaolin Zhu, Shouyun Yu, Dawei Ma*, Highly efficient catalytic system for enantioselective Michael addition of aldehydes to nitroalkenes in water, *Angew. Chem. Int. Ed.* 2008, 47, 545.
 16. Yu Chen, Yuji Wang, Zheming Sun, Dawei Ma*, Elaboration of 2-(trifluoromethyl)-indoles via a cascade coupling-condensation-deacylation process, *Org. Lett.* 2008, 10, 625.
 17. Weiqing Xie, Derong Ding, Weiwei Zi, Guangyu Li, Dawei Ma, Total synthesis and Structure of Papuamide B, a potent anti-HIV marine cyclodepsipeptide, *Angew. Chem. Int. Ed.* 2008, 47, 2844.
 18. Li Tan, Dawei Ma, Total synthesis of salinamide A, a potent anti-inflammatory bicyclic depsipeptide, *Angew. Chem. Int. Ed.* 2008, 47, 3614.
 19. Dawei Ma, Cai Qian, Copper/amino acid catalyzed cross-couplings of aryl and vinyl halides with nucleophiles, *Acc. Chem. Res.* 2008, 41, 1450.
 20. Jing Wang, Anqi Ma, Dawei Ma, Organocatalytic Michael addition of aldehydes to γ -keto- α, β -unsaturated esters. An efficient entry to versatile chiral building blocks. *Org. Lett.* 2008, 10, 5425.

