

Bioorganic & Medicinal Chemistry Letters Volume 25, Issue 1, 2015

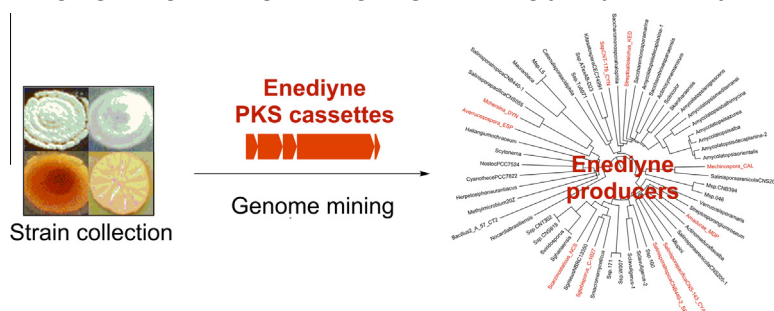
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BMCL DIGEST

Enediynes: Exploration of microbial genomics to discover new anticancer drug leads

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Ben Shen*, Hindra, Xiaohui Yan, Tingting Huang, Huiming Ge, Dong Yang, Qihui Teng, Jeffrey D. Rudolf, Jeremy R. Lohman

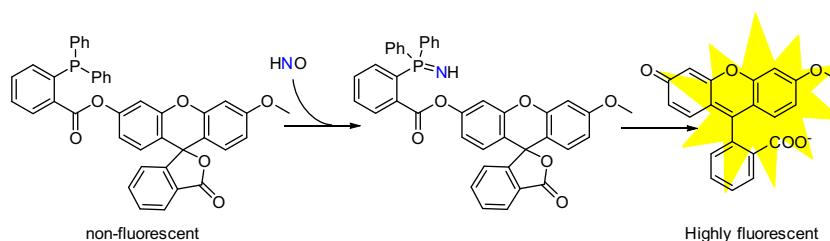


REGULAR ARTICLES

A selective phosphine-based fluorescent probe for nitroxyl in living cells

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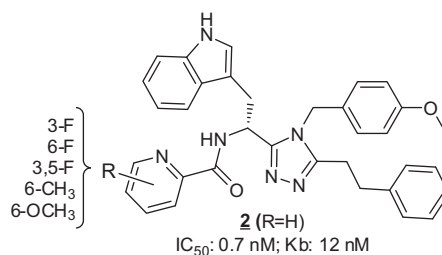
Zhengru Miao, Julie A. Reisz, Susan M. Mitroka, Jia Pan, Ming Xian, S. Bruce King*



New trisubstituted 1,2,4-triazoles as ghrelin receptor antagonists

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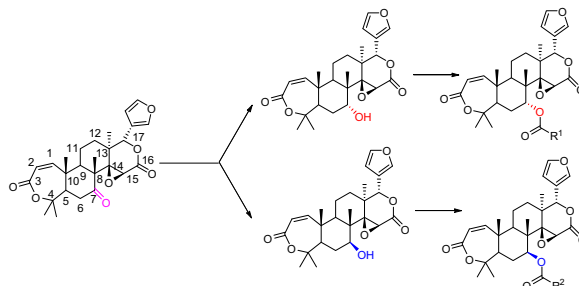
Anne-Laure Blayo, Mathieu Maingot, Babette Aicher, Céline M'Kadmi, Peter Schmidt, Gilbert Müller, Michael Teifel, Eckhard Günther, Didier Gagne, Séverine Denoyelle, Jean Martinez, Jean-Alain Fehrentz*



Insight into reduction of obacunone, and their ester derivatives as insecticidal agents against *Mythimna separata* Walker

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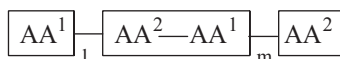
Xiang Yu, Guodong Ding, Xiaoyan Zhi, Hui Xu*



Modification of amphipathic non-opioid dynorphin A analogues for rat brain bradykinin receptors

pp 30–33

Yeon Sun Lee*, Sara M. Hall, Cyf Ramos-Colon, Michael Remesic, Lindsay LeBaron, Ann Nguyen, David Rankin, Frank Porreca, Josephine Lai, Victor J. Hruby*

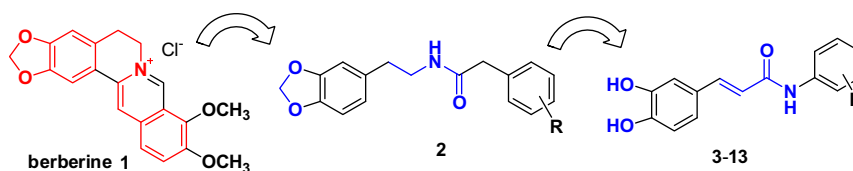
AA¹ = a hydrophobic amino acid (or a hydrophobic peptide fragment);AA² = a basic amino acid (or a basic amino acid fragment);

l ≤ 0; m ≤ 1

Design, synthesis, and evaluation of caffeic acid amides as synergists to sensitize fluconazole-resistant *Candida albicans* to fluconazole

pp 34–37

Li Dai, Chengxu Zang, Shujuan Tian, Wei Liu, Shanlun Tan, Zhan Cai, Tingjunhong Ni, Maomao An, Ran Li, Yue Gao, Dazhi Zhang*, Yuanying Jiang*



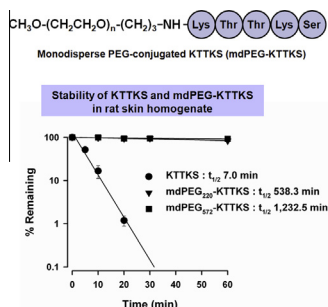
A series of caffeic acid amides **3–13** were designed and synthesized through scaffold hopping from berberine and **2**, and their synergistic activity with fluconazole against fluconazole-resistant *Candida albicans* was evaluated in vitro. The title caffeic acid amides **3–30** except **26** exhibited potent activity. The SAR study indicates that the dihydroxyl groups and the amido group in the caffeic acid amides are the important pharmacophores.



Synthesis and characterization of monodisperse poly(ethylene glycol)-conjugated collagen pentapeptides with collagen biosynthesis-stimulating activity

pp 38–42

Myung Sun Kim, Eun Ji Park, Dong Hee Na*



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