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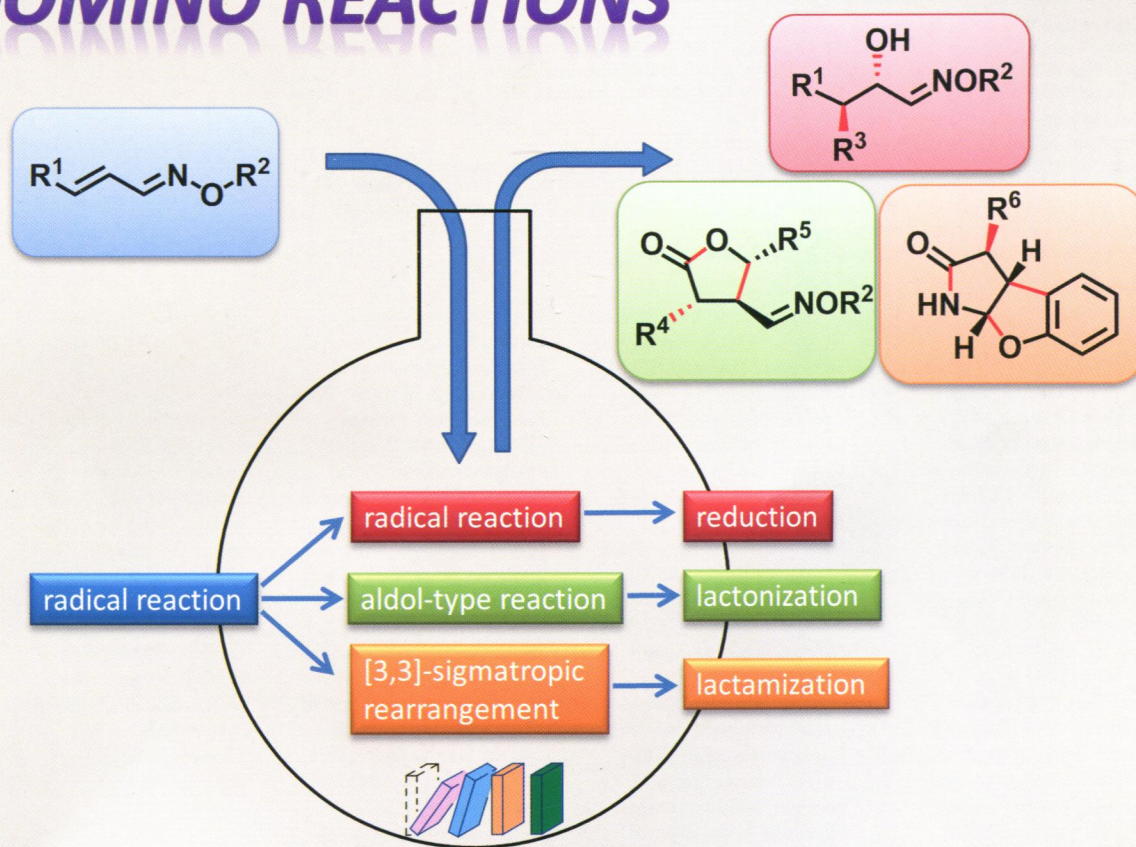
Chemical and Pharmaceutical Bulletin

September 2014

CPBTAL 62 (9) 845-946 (2014)

Vol. 62 No. 9

DOMINO REACTIONS



Radical Addition-Initiated Domino Reactions of Conjugated Oxime Ethers

pp. 845-855



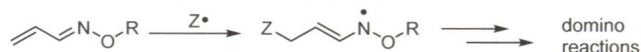
THE PHARMACEUTICAL SOCIETY OF JAPAN

<http://cpb.pharm.or.jp>

Review

Radical Addition-Initiated Domino Reactions of Conjugated Oxime Ethers

M. Ueda



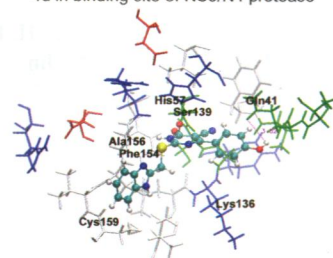
pp. 845–855

Regular Articles

Synthesis, Molecular Modeling, and Biological Evaluation of Novel Benzimidazole Derivatives as Inhibitors of Hepatitis C Virus RNA Replication

H. I. El Diwani, H. T. Abdel-Mohsen, I. Salama, F. A.-F. Ragab, M. M. Ramla, S. A. Galal, M. M. Abdalla, A. Abdel-Wahab, and M. A. El Demellawy

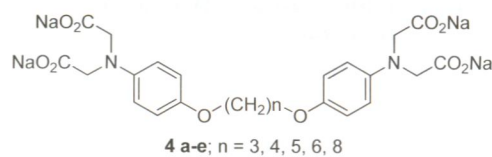
4d in binding site of NS3/N4 protease



pp. 856–866

Synthesis and Protective Effects of Bis[4-[N,N-di-(carboxymethyl)amino]phenoxy]alkane Derivatives on UVA-Induced Production of MMP-1 in Human Skin Fibroblasts

L.-Y. Hsu, C.-Y. Nien, W.-M. Huang, S.-C. Hsu, and T.-C. Chang

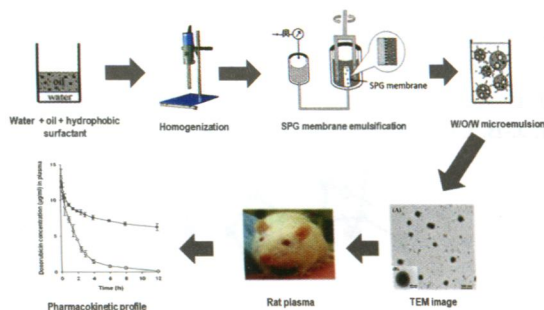


Reduced MMP-1 activity: 37–42% (10 μM)
Decreased MMP-1 protein level: 44–65% (10 μM)

pp. 867–874

Fabrication, Characterization and Pharmacokinetic Evaluation of Doxorubicin-Loaded Water-in-Oil-in-Water Microemulsions Using a Membrane Emulsification Technique

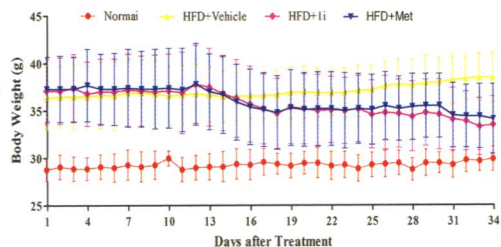
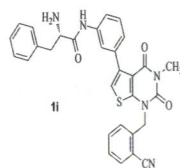
R. Pradhan, Y.-I. Kim, J.-H. Jeong, H.-G. Choi, C. S. Yong, and J. O. Kim



pp. 875–882

Synthesis and Biological Evaluation of 3-Methyl-5-phenylthieno[2,3-*d*]pyrimidine-2,4(1*H*,3*H*)-dione Derivatives for the Treatment of Diet-Induced Obesity

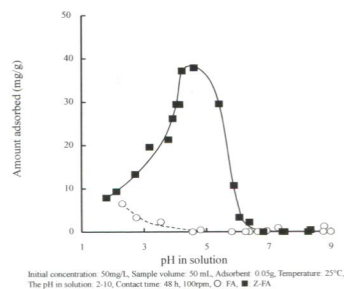
Y. Saig, H. Pei, L. Ma, L. Huang, C. Xie, J. Chen, X. Liang, Y. Ran, G. Wang, Z. Yang, D. Cao, Lin He, Y. Wu, Linh. He, J. Zhu, J. Lan, and L. Chen



pp. 883–891

Adsorption of Tungsten onto Zeolite Fly Ash Produced by Hydrothermally Treating Fly Ash in Alkaline Solution

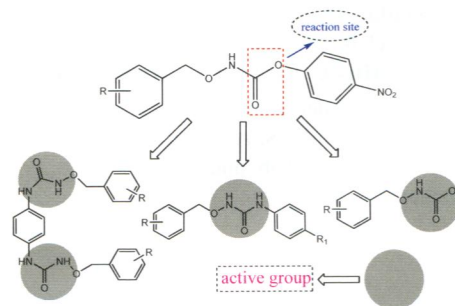
F. Ogata, Y. Iwata, and N. Kawasaki



pp. 892–897

Synthesis and Anticancer Evaluation of Benzyloxyurea Derivatives

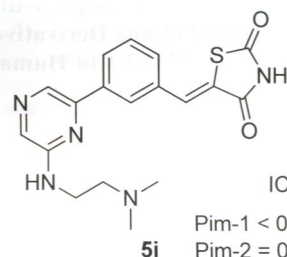
F. Ren, Y. Zhong, X. Mai, Y. J. Liao, C. Liu, L. H. Feng, W. Sun, W. B. Zen, W. M. Liu, J. Liu, and N. Jin



pp. 898–905

Synthesis and Evaluation of 5-(3-(Pyrazin-2-yl)-benzylidene)thiazolidine-2,4-dione Derivatives as Pan-Pim Kinases Inhibitors

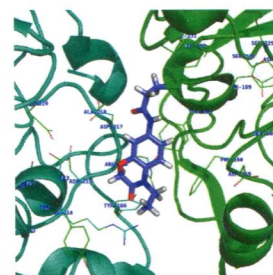
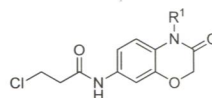
J. Lee, J. Park, and V. S. Hong



pp. 906–914

1,4-Benzoxazine-3(4*H*)-ones as Potent Inhibitors of Platelet Aggregation: Design, Synthesis and Structure–Activity Relations

C. Liu, J.-L. Tan, S.-Y. Xiao, J.-F. Liao, G.-R. Zou, X.-X. Ai, J.-B. Chen, Y. Xiang, Q. Yang, and H. Zuo

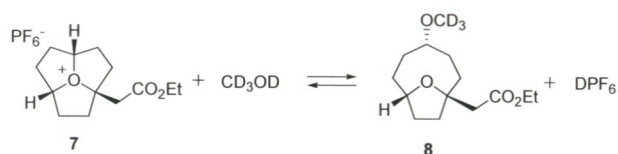


8d: Platelet aggregation inhibition: IC₅₀ = 8.94 μM

pp. 915–920

Functionalized Oxatriquinanes and Their Structural Equilibrium in Protic Solvent

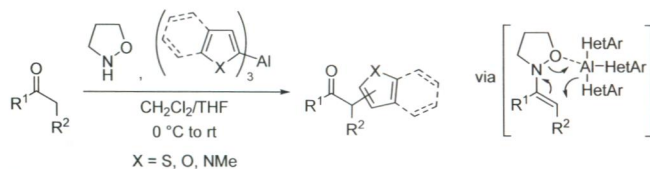
H. Suzuki and H. Muratake



pp. 921–926

 α -Heteroarylation of Ketones via the Umpolung Reaction of *N*-Alkoxyamine

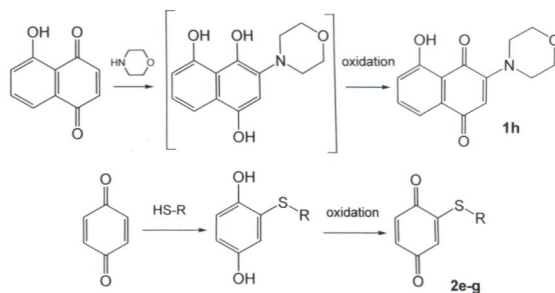
T. Miyoshi, N. Takeda, M. Fukami, S. Sato, M. Ueda, and O. Miyata



pp. 927–932

Notes**Inhibition of the Thioesterase Activity of Human Fatty Acid Synthase by 1,4- and 9,10-Diones**

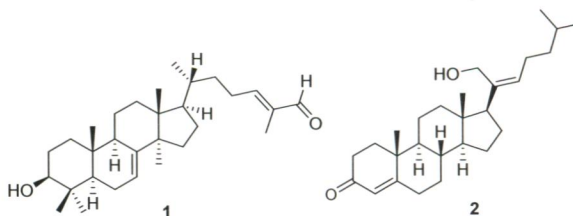
H. Odens, T. Lowther, S. Kridel, L. Watts, L. Filipponi, and J. Schmitt



pp. 933–936

A Lanostane Triterpenoid and Three Cholestane Sterols from *Tilia kiusiana*

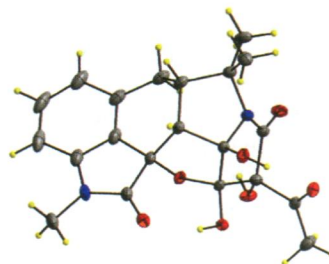
M. Shimada, M. Ozawa, K. Iwamoto, Y. Fukuyama, A. Kishida, and A. Ohsaki



pp. 937–941

Speradines F–H, Three New Oxindole Alkaloids from the Marine-Derived Fungus *Aspergillus oryzae*

X. Hu, Q.-W. Xia, Y.-Y. Zhao, Q.-H. Zheng, Q.-Y. Liu, L. Chen, and Q.-Q. Zhang



pp. 942–946