



Tetrahedron Vol. 66, Issue 37, 2010

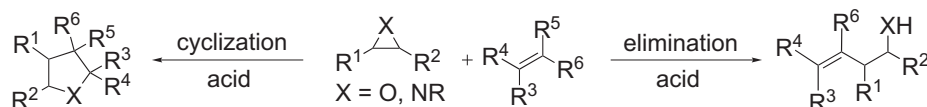
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REPORT

Inter- and intramolecular reactions of epoxides and aziridines with π -nucleophiles

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Susann H. Krake, Stephen C. Bergmeier*

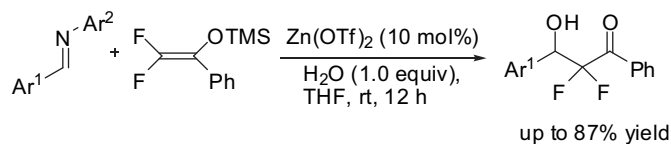


ARTICLES

Reaction of aldimines and difluoroenoxyisilane, an unexpected protocol for the synthesis of 2,2-difluoro-3-hydroxy-1-ones

pp 7361–7366

Zhi-Liang Yuan, Yin Wei, Min Shi*



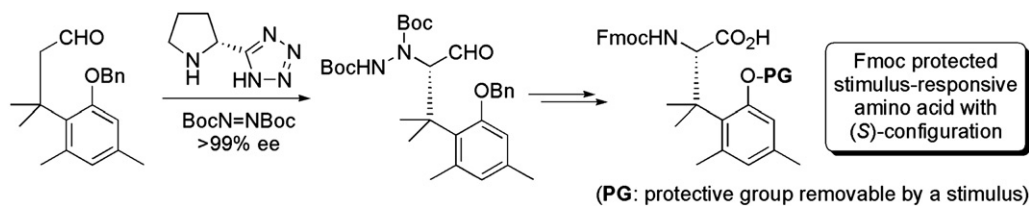
An unexpected reaction of aldimines and difluoroenoxyisilane promoted with $\text{Zn}(\text{OTf})_2$ was disclosed. The reaction gave the unexpected Mukaiyama-aldol adducts **3** in excellent yields (up to 87%) with the addition of H_2O and the corresponding Mannich-type adduct **4** was not observed in this catalytic system.



Enantioselective synthesis of stimulus-responsive amino acid via asymmetric α -amination of aldehyde

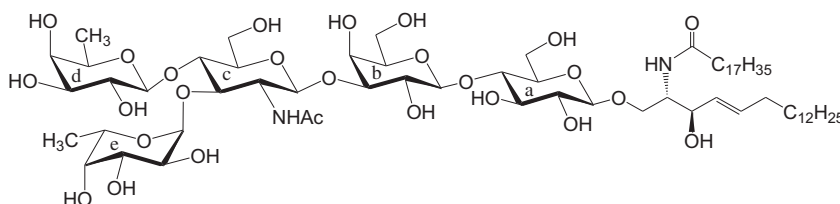
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Akira Shigenaga*, Jun Yamamoto, Naomi Nishioka, Akira Otaka*

**Study of carbohydrate–carbohydrate interactions: total synthesis of 6d-deoxy Lewis^x pentaosyl glycosphingolipid**

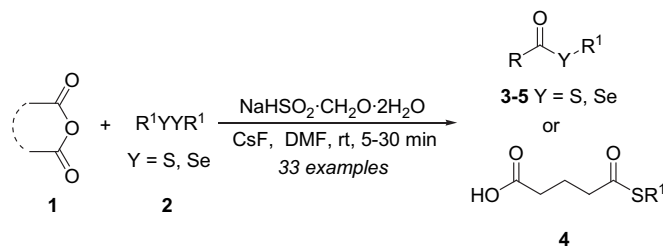
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Yanyan Zhang, Dengxiang Dong, Tao Zhou, Yongmin Zhang*

**A new odorless one-pot synthesis of thioesters and selenoesters promoted by Rongalite[®]**

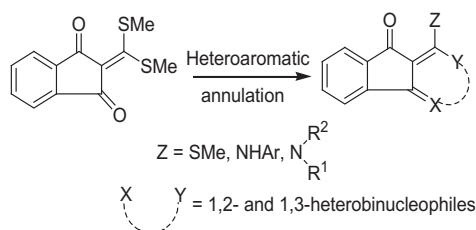
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Weixing Dan, Hongjuan Deng, Jiuxi Chen*, Miaochang Liu, Jinchang Ding, Huayue Wu*

**Heteroaromatic annulation studies on 2-[bis(methylthio)methylene]-1,3-indanedione: efficient routes to indenofused heterocycles**

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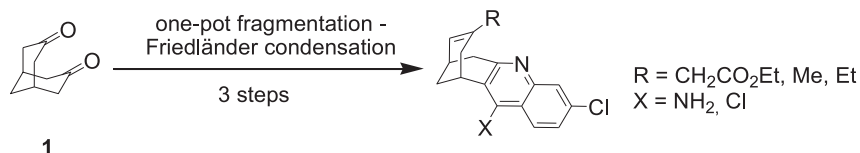
Rajiv K. Verma, Hiriyakkanavar Ila, Maya Shankar Singh*



Improved synthetic pathway for the derivatization of huprine scaffold

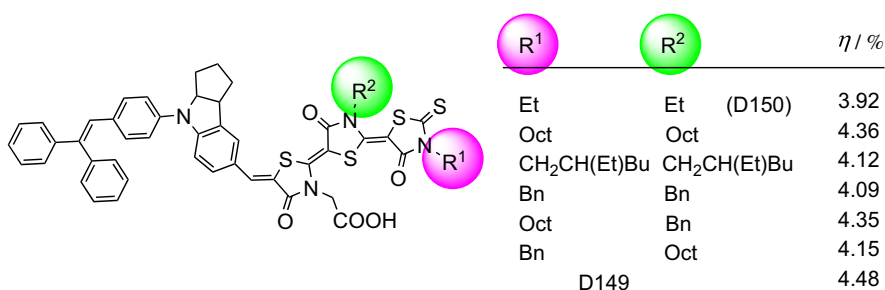
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Cyril Ronco, Ludovic Jean, Pierre-Yves Renard*

**Highly efficient substituted triple rhodanine indoline dyes in zinc oxide dye-sensitized solar cell**

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Masaki Matsui*, Yoshinori Asamura, Yasuhiro Kubota, Kazumasa Funabiki, Jiye Jin, Tsukasa Yoshida, Hidetoshi Miura

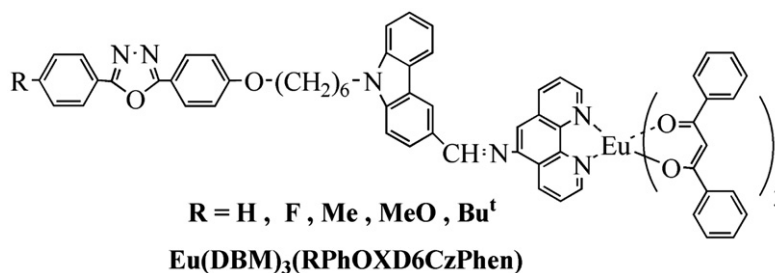


Substituted triple rhodanine indoline dyes showed higher performance than known triple rhodanine derivative (D150) on zinc oxide.

Synthesis, photophysical and electrochemical properties of bipolar-transporting europium(III) complexes with carbazole and oxadiazole units

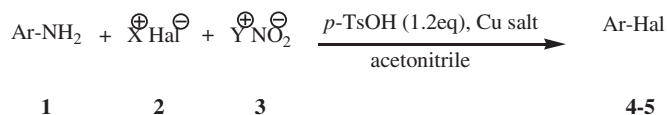
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Liang Li, Yu Liu*, Haipeng Guo, Yafei Wang, Yunbo Cao, Aihui Liang, Hua Tan, Hongrui Qi, Meixiang Zhu, Weiguo Zhu*

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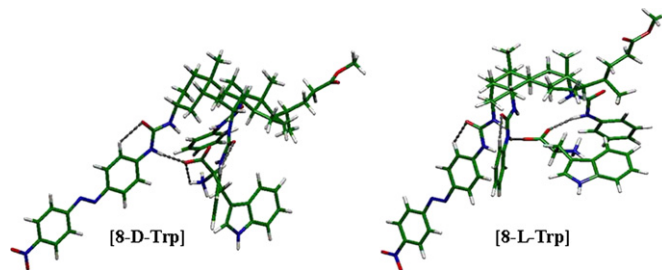
Young Min Lee, Mi Eun Moon, Vaishali Vajpayee, Victor D. Filimonov*, Ki-Whan Chi*



A steroid-based receptor for unprotected amino acids: the enantioselective recognition of L-tryptophan

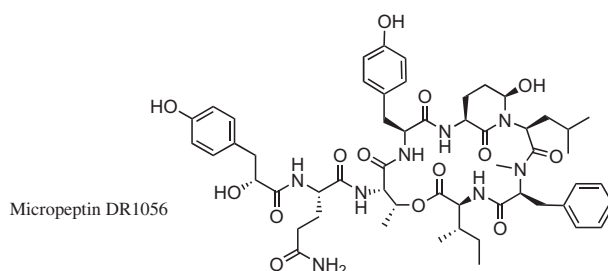
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Simi Adiv, Regina Aharonv-Nadborny, Shmuel Carmeli*



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Supplementary data available via ScienceDirect

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ISSN 0040-4020