



Tetrahedron Vol. 70, Issue 10, 2014

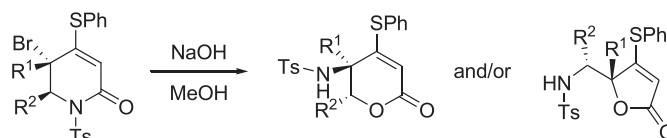
Contents

ARTICLES

Synthesis and reactions of sulfur-substituted α,β -unsaturated δ - and γ -lactones

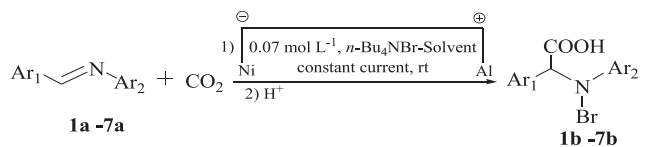
pp 1847–1854

Shang-Shing P. Chou*, Wan-Shiuan Wu

Electrogenerated-bases promoted electrochemical synthesis of *N*-bromoamino acids from imines and carbon dioxide

pp 1855–1860

Chuan-Hua Li*, Xiang-Zhi Song, Li-Ming Tao, Qiang-Guo Li, Jin-Qi Xie, Meng-Na Peng, Lan Pan, Chao Jiang, Zhi-Yu Peng, Man-Fen Xu



1a: Ar₁=Ph, Ar₂=Ph 2a: Ar₁=*p*-MeO-C₆H₄, Ar₂=Ph
 3a: Ar₁=*p*-Me-C₆H₄, Ar₂=Ph 4a: Ar₁=Ph, Ar₂=C₆H₄-*p*-Me
 5a: Ar₁=*p*-Cl-C₆H₄, Ar₂=Ph 6a: Ar₁=Ph, Ar₂=C₆H₄-*p*-Cl
 7a: Ar₁=*p*-F-C₆H₄, Ar₂=Ph

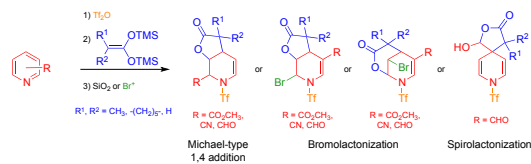
Yield: 45%–74%



Reactivity of pyridines bearing EWG with bis-(TMS)ketene acetals. Substituent-induced lactonization reaction

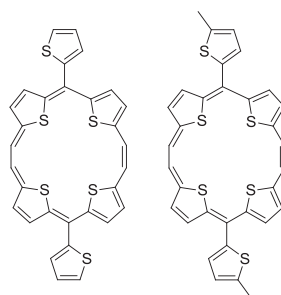
pp 1861–1871

Alejandro Rivera-Hernández*, Guillermo M. Chans, Henri Rudler, José G. López Cortés, R. Alfredo Toscano, Cecilio Álvarez-Toledano*

**Novel thiophene-substituted tetrathia[22]annulenes[2,1,2,1]: synthesis, physical properties, and improvement in field-effect behavior**

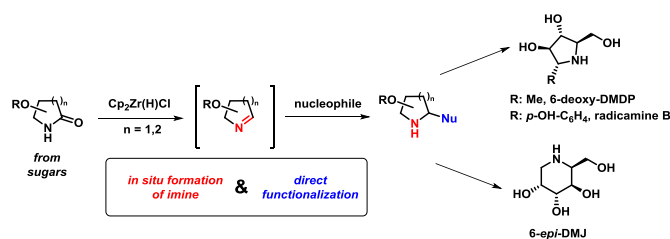
pp 1872–1879

Hang Liu, Yunke Qin, Dazhen Huang, Wei Xu*, Daoben Zhu*

**Sugar-derived cyclic imines: one-pot synthesis and direct functionalization**

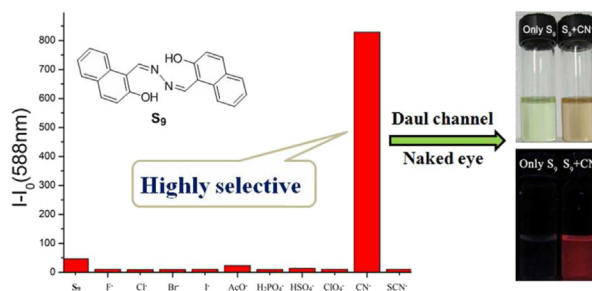
pp 1880–1888

Piotr Szczeniński, Sebastian Stecko, Olga Staszewska-Krajewska, Bartłomiej Furman*

**A highly selective and sensitive chemosensor for instant detection cyanide via different channels in aqueous solution**

pp 1889–1894

Peng Zhang, BingBing Shi, XingMei You, YouMing Zhang, Qi Lin, Hong Yao, TaiBao Wei*



Download English Version:

<https://daneshyari.com/en/article/5216784>

Download Persian Version:

<https://daneshyari.com/article/5216784>

[Daneshyari.com](https://daneshyari.com)