



Tetrahedron Vol. 65, No. 7, 2009

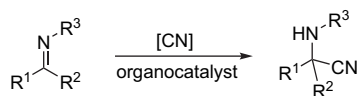
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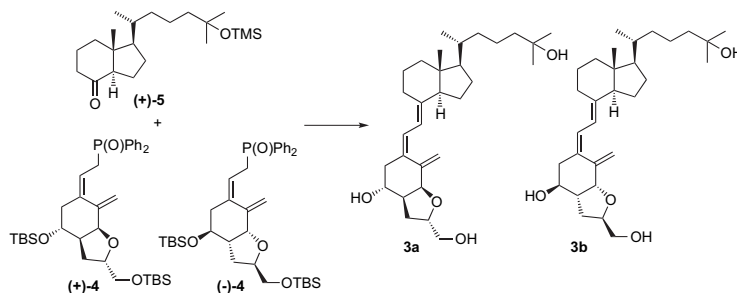
R¹, R², R³: alkyl, aryl, hetaryl

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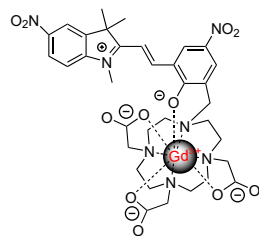
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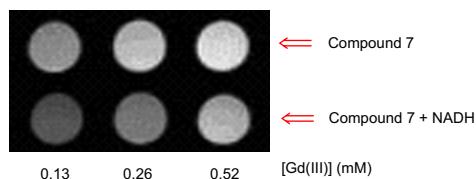
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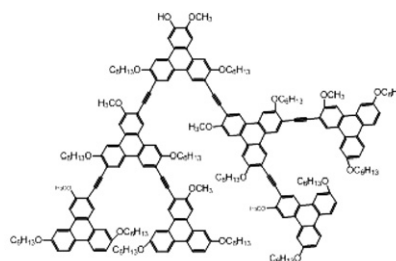
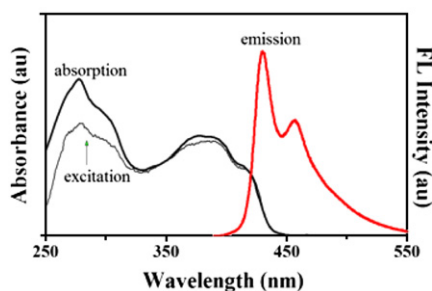


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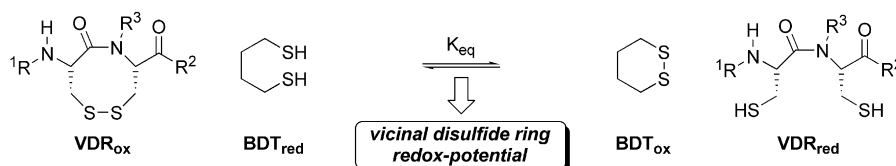
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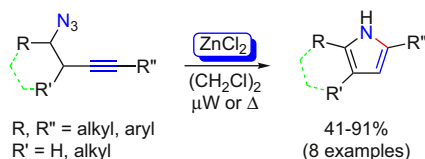
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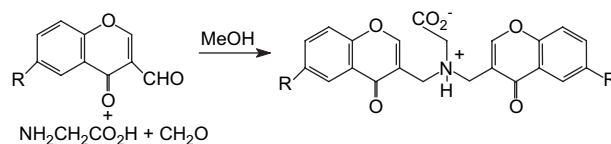
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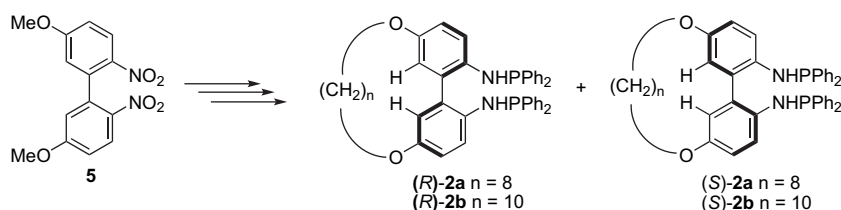
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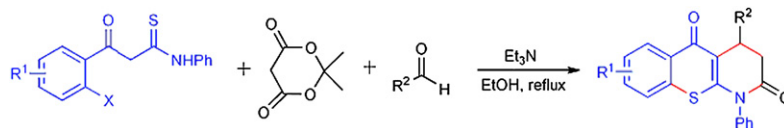
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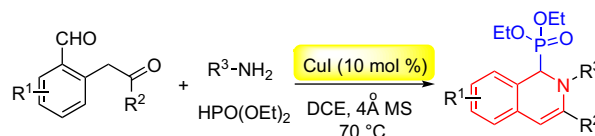
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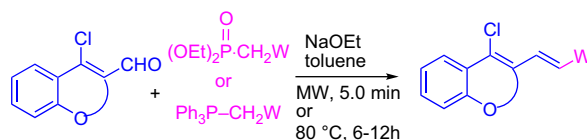
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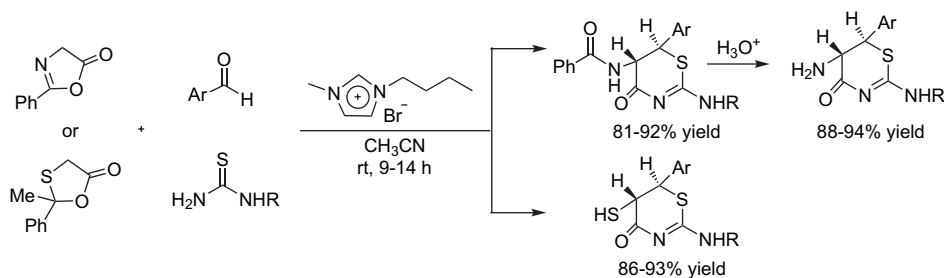
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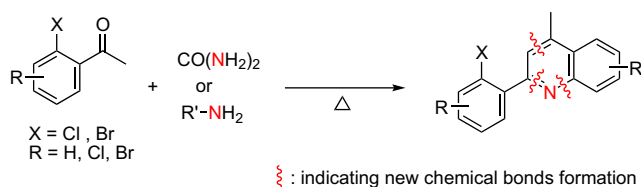
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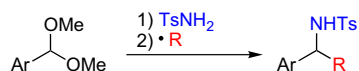
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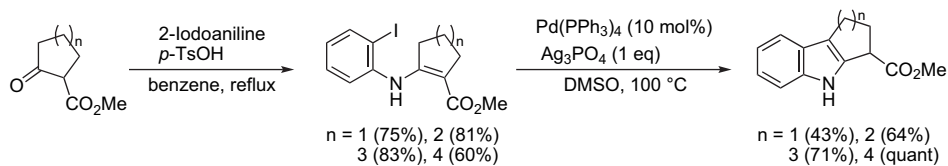
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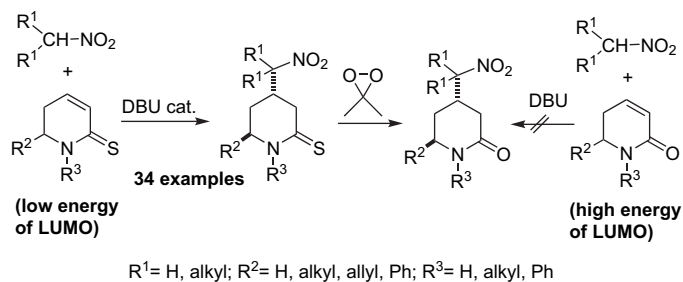
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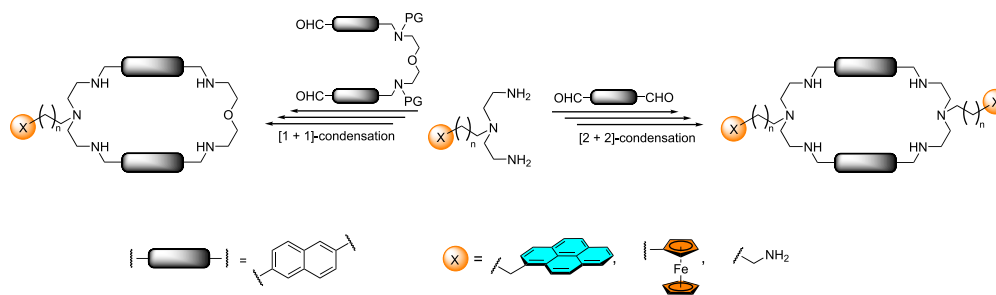
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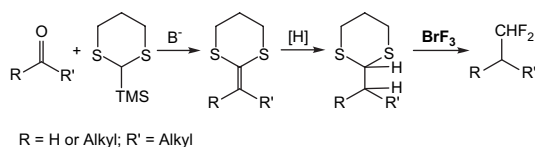
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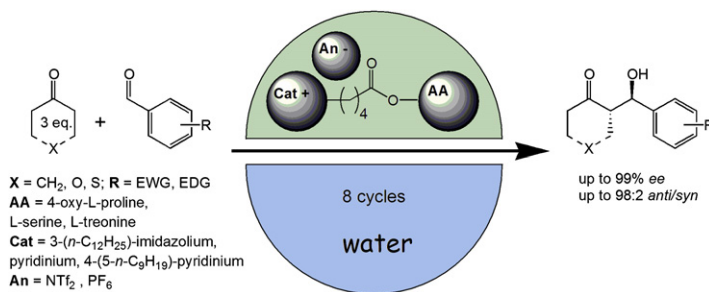
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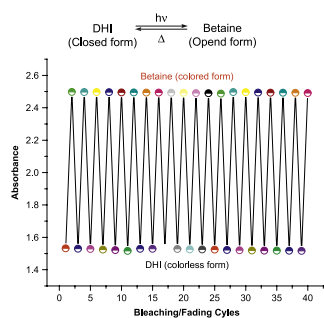
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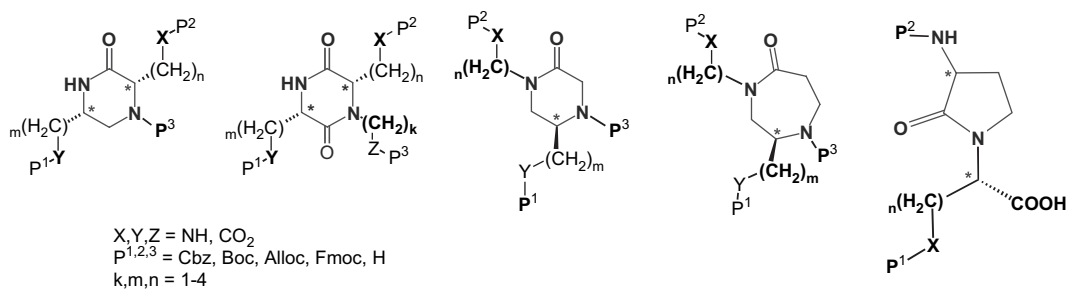
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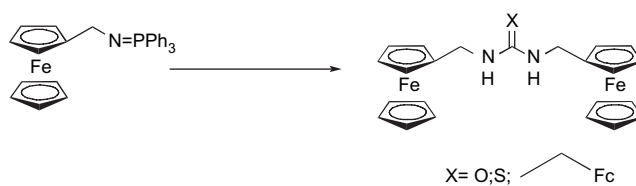
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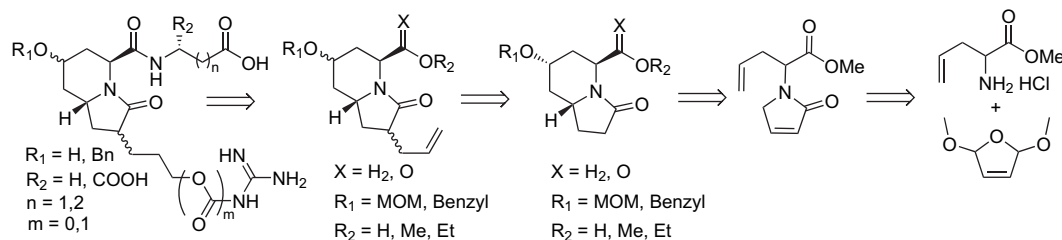
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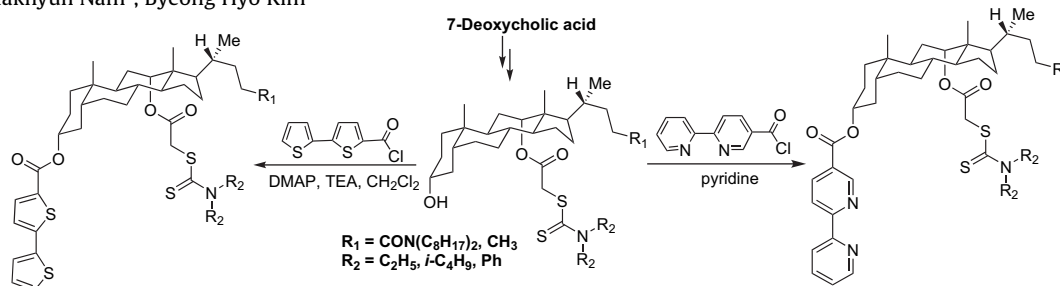
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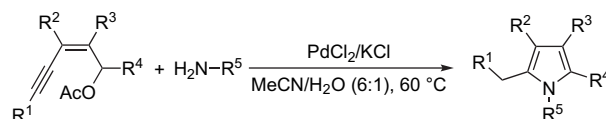
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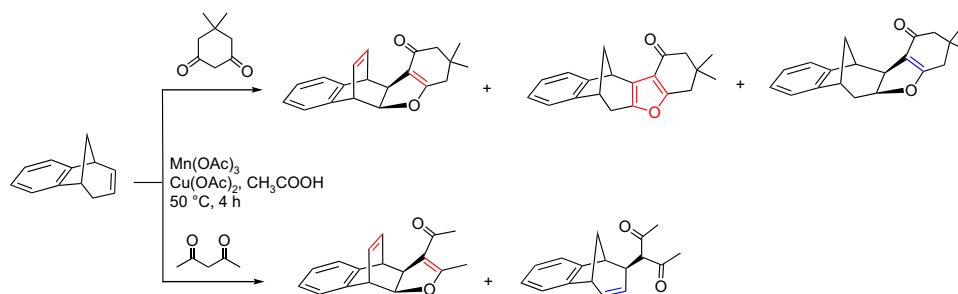
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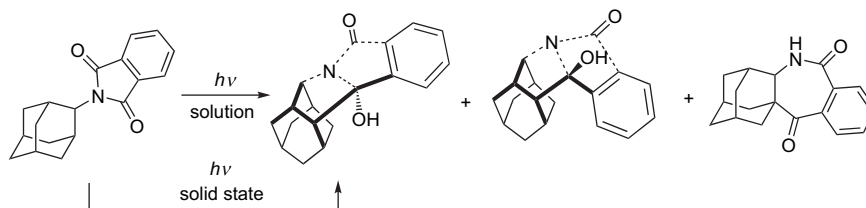
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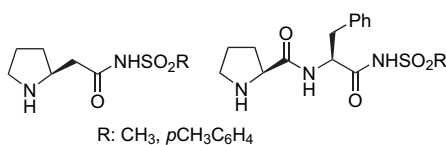
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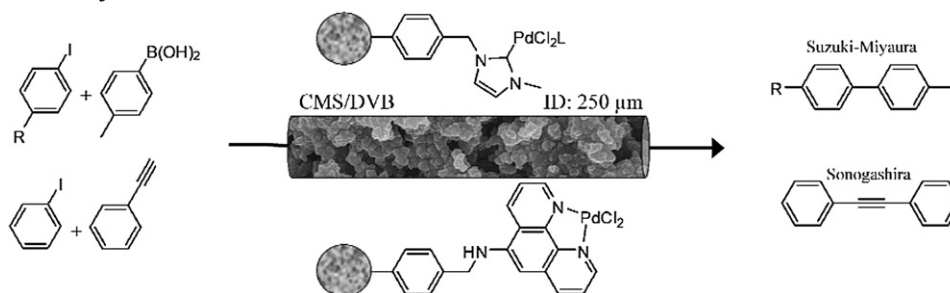
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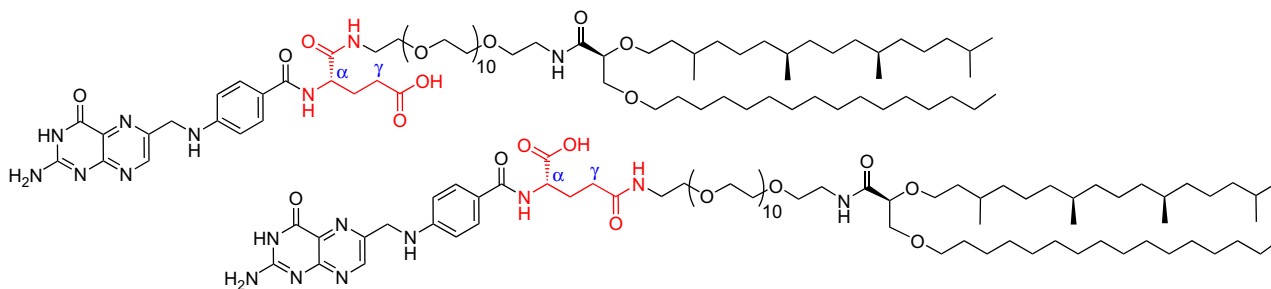
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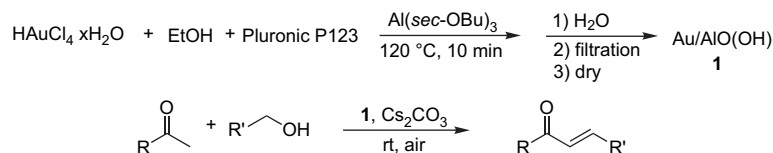
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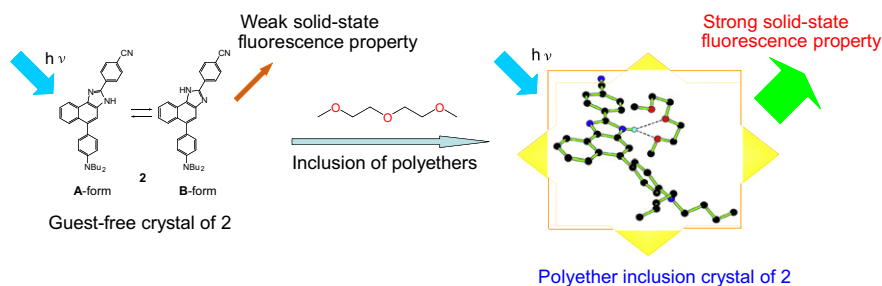
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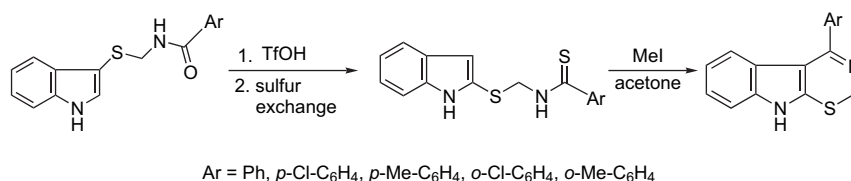
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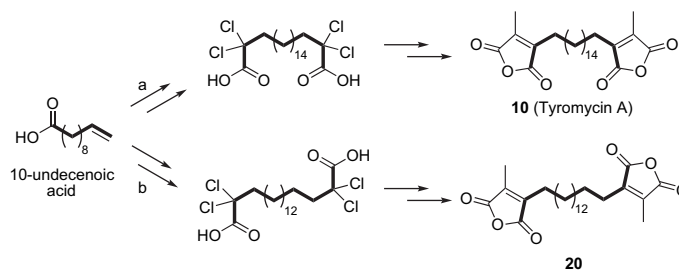
Péter Csomós, Lajos Fodor*, Gábor Bernáth, Antal Csámpai, Pál Sohár*



A new synthetic route to tyromycin A and its analogue from renewable resources

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Fabrizio Roncaglia*, Christian V. Stevens*, Franco Ghelfi, Marijke Van der Steen, Mariella Pattarozzi, Laurent De Buyck

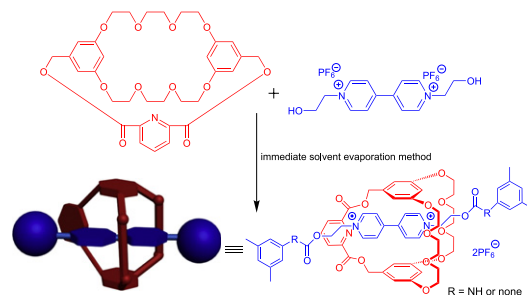


Efficient syntheses of bis(*m*-phenylene)-26-crown-8-based cryptand/paraquat derivative [2]rotaxanes by immediate solvent evaporation method

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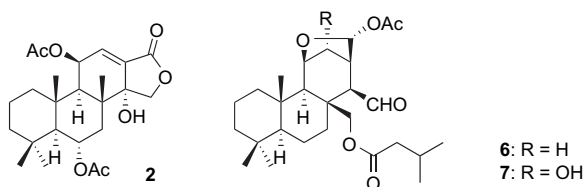
Feng Wang, Qizhong Zhou, Kelong Zhu, Shijun Li, Chong Wang, Ming Liu, Ning Li, Frank R. Fronczek, Feihe Huang*

A novel bis(*m*-phenylene)-26-crown-8-based cryptand has been synthesized. It has been used to prepare two 1:1 complexes with two paraquat derivatives with high association constants (6.5×10^5 and $4.0 \times 10^5 \text{ M}^{-1}$) in acetone. In the solid state the cryptand forms a 2:1 threaded structure with paraquat and an interesting supramolecular poly[2]pseudorotaxane threaded structure with a dihydroxyethyl-substituted paraquat derivative, respectively. It has been further used to prepare cryptand/paraquat derivative [2]rotaxanes efficiently by the immediate solvent evaporation method (ISEM) using easily available 3,5-dimethylphenyl groups as the stoppers.


New cytotoxic spongian diterpenes from the sponge *Dysidea cf. arenaria*

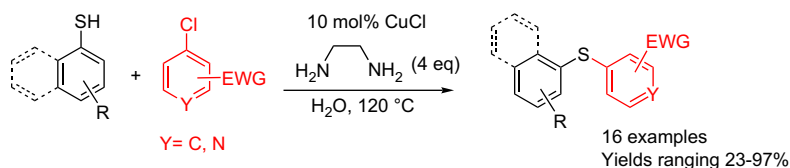
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Mika Akena, Chiaki Tanaka, Novriyandi Hanif, Mina Yasumoto-Hirose, Junichi Tanaka*


Copper(I)-catalyzed S-arylation of thiols with activated aryl chlorides on water

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María Teresa Herrero, Raul SanMartin*, Esther Domínguez*

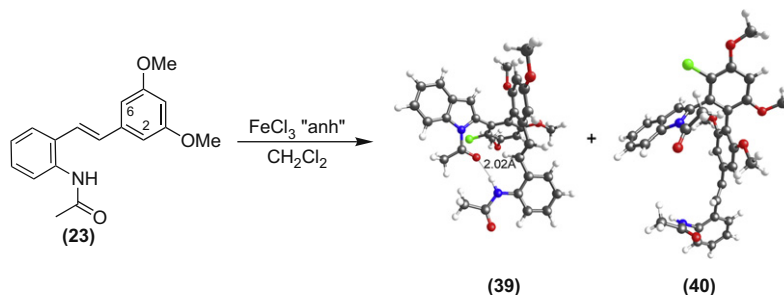


Copper chloride-catalyzed S-arylation of arenethiols is effected with activated aryl chlorides in water by using ethylenediamine as the pair ligand/base.


A FeCl₃-promoted highly atropodiastereoselective cascade reaction: synthetic utility of radical cations in indolostilbene construction

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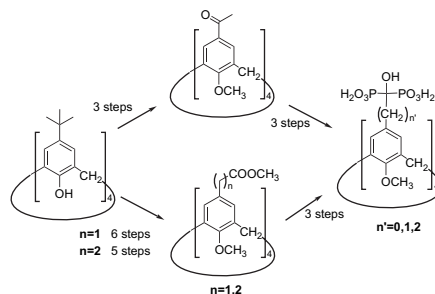
Kartini Ahmad, Noel F. Thomas*, Mat Ropi Mukhtar, Ibrahim Noorbacha, Jean-Frederic Faizal Weber, Mohd Azlan Nafiah, Saraswati S. Velu, Koichi Takeya, Hiroshi Morita, Chuan-Gee Lim, A. Hamid A. Hadi, Khalijah Awang



Design and synthesis of new polyphosphorylated upper-rim modified calix[4]arenes as potential and selective chelating agents of uranyl ion

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Evelyne Migianu-Griffoni, Cyrille Mbemba, Ramon Burgada, Delphine Lecerclé, Frédéric Taran, Marc Lecouvey*

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*Corresponding author

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