

Tetrahedron Letters Vol. 54, Issue 5, 2013

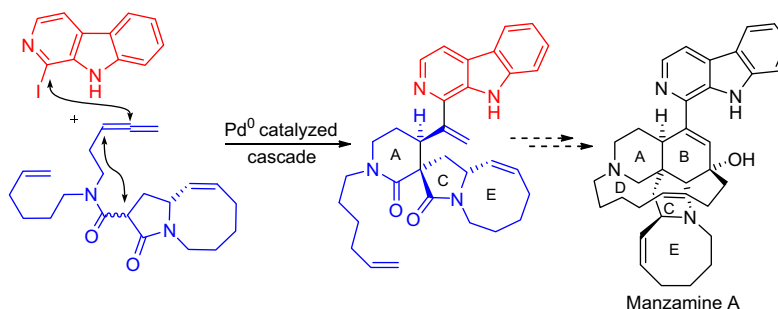
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An expedient stereoselective route to the ACE tricyclic core of manzamine A via a palladium-catalysed arylyative allene spirocyclisation cascade

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Alison Hawkins, Pavol Jakubec, Alan Ironmonger, Darren J. Dixon\*



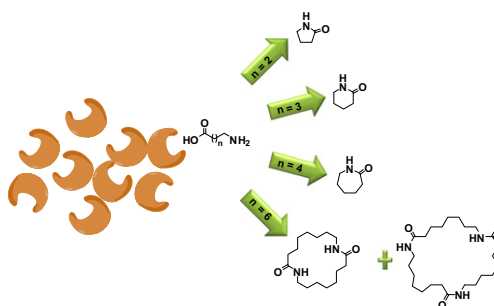
Application of a novel palladium-catalysed stereoselective arylyative allene spirocyclisation cascade as the key step for the construction of the ACE tricyclic core of manzamine A is described.



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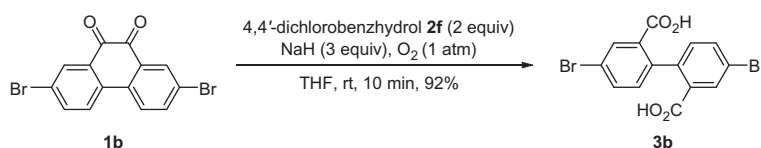
E. Stavila, K. Loos\*



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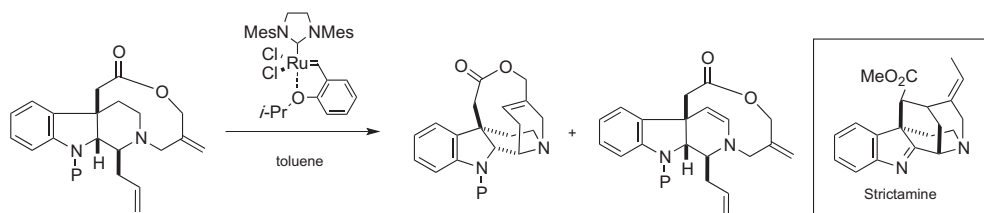
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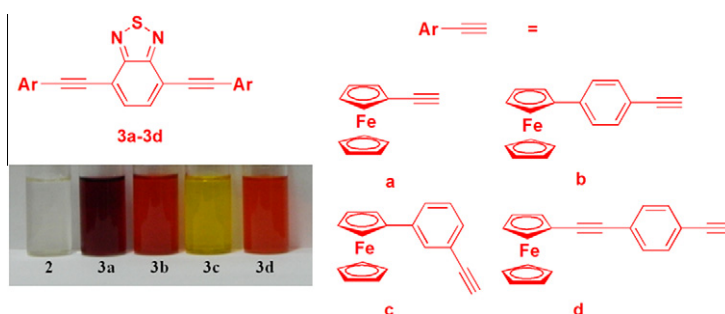
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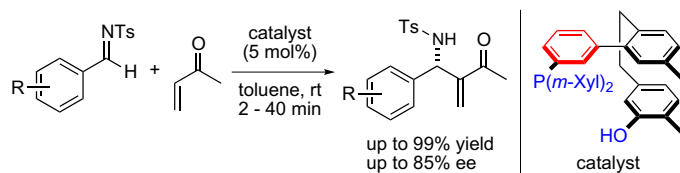
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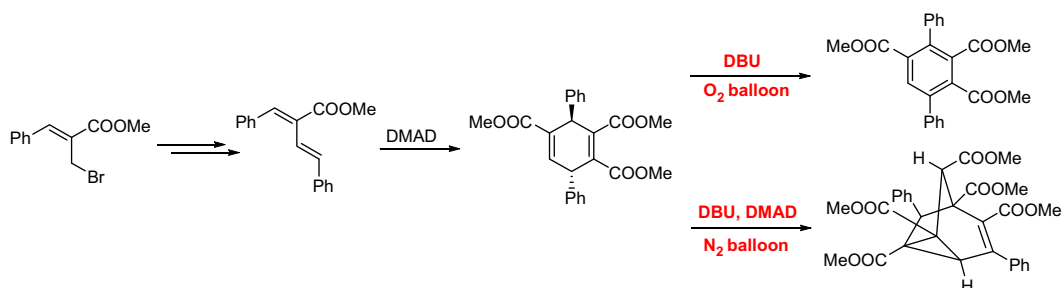
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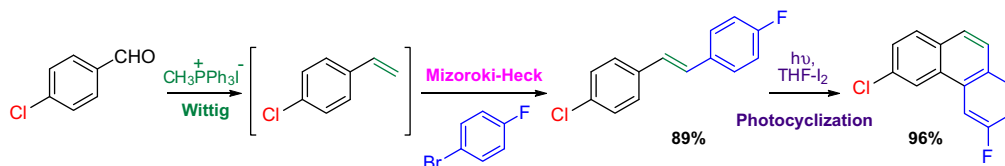
Cheol Hee Lim, Sung Hwan Kim, Ka Hyun Park, Junseong Lee, Jae Nyoung Kim\*



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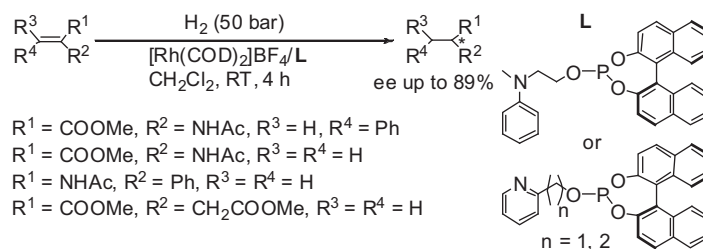
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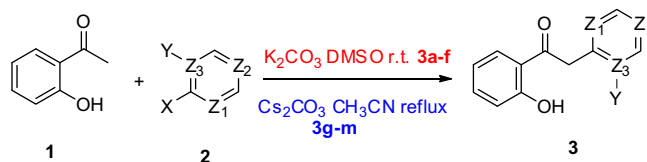
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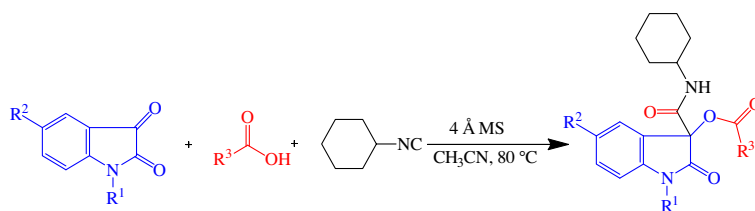
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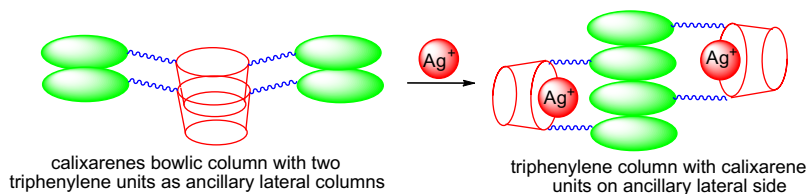
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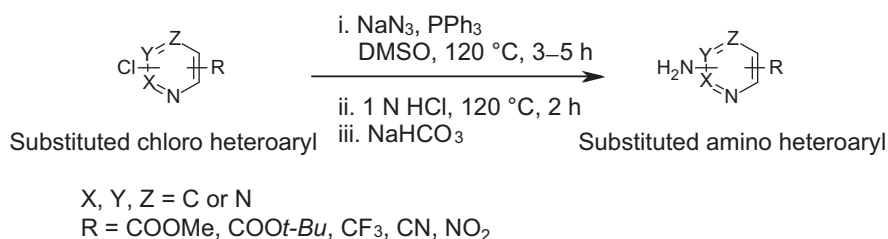
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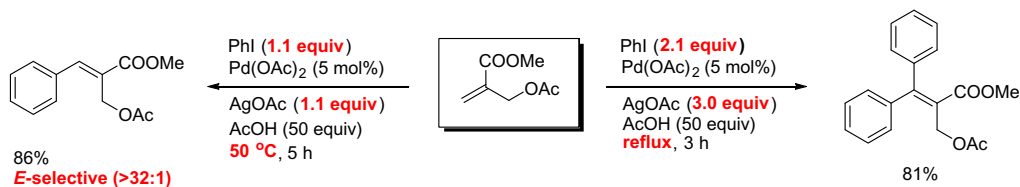
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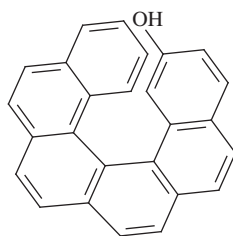
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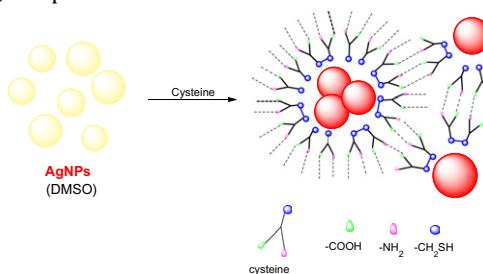
Mourad Ben Braïek, Faouzi Aloui, Béchir Ben Hassine\*



**Selective detection of cysteine/cystine using silver nanoparticles**

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Jeyaraman Athilakshmi, Manikkavalli Mohan, Dillip Kumar Chand\*

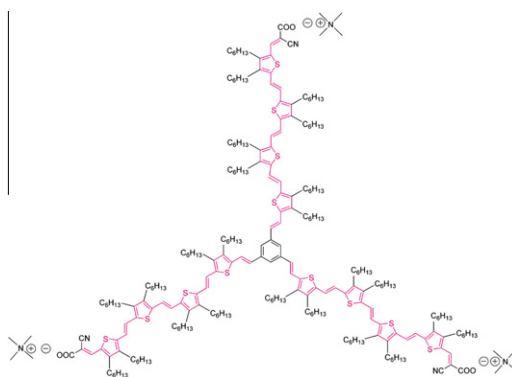


The selective detection of cysteine and cystine amino acids over other standard amino acids was seen with the naked eye using silver nanoparticles (AgNPs) in a simple procedure at room temperature.

**A star-shaped sensitizer based on thienylenevinylene for dye-sensitized solar cells**

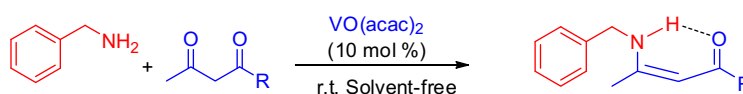
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Maxence Urbani, Eva M. Barea\*, Roberto Trevisan, Ana Aljarilla, Pilar de la Cruz, Juan Bisquert, Fernando Langa\*

**Vanadium(IV) acetylacetonate catalyzed stereoselective synthesis of  $\beta$ -aminoesters and  $\beta$ -enaminones**

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Rajibul A. Laskar, Naznin A. Begum, Mohammad Hedayetullah Mir, Shahzad Ali, Abu T. Khan\*



\*Corresponding author

Supplementary data available via SciVerse ScienceDirect

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