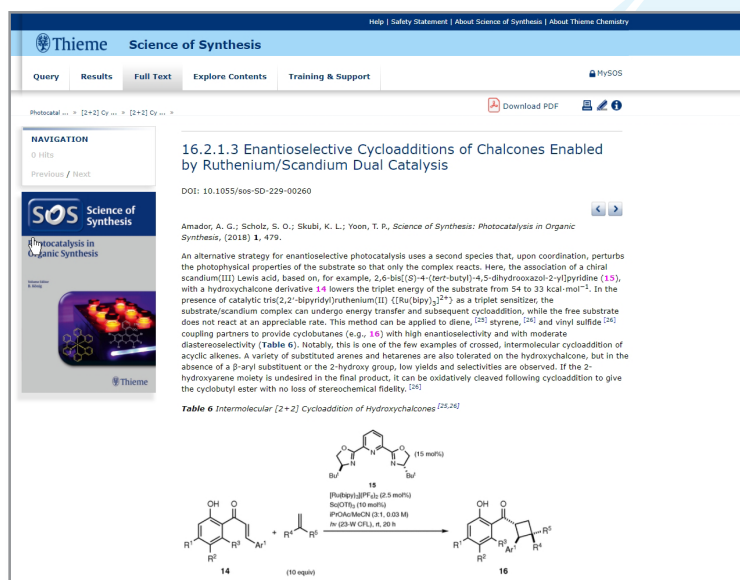


Science of Synthesis

Your expert guide to making molecules

- Want a comprehensive overview of a certain topic?
- Need to find the right synthetic route quickly?
- Looking to save time when planning a synthesis?



The screenshot shows the Science of Synthesis interface. The search bar contains 'Photocatal...'. The results list includes an entry for '16.2.1.3 Enantioselective Cycloadditions of Chalcones Enabled by Ruthenium/Scandium Dual Catalysis' by Amador, A. G.; Scholtz, S. O.; Skubi, K. L.; Yoon, T. P., published in *Science of Synthesis: Photocatalysis in Organic Synthesis* (2018) 1, 479. Below the text is a chemical reaction scheme showing the intermolecular (2+2) cycloaddition of a chalcone derivative (14) with a diene (15) to form a cyclobutane product (16). The reaction conditions are: (Ruhp)2[PF6]2 (2.5 mol%), RuCl2 (10 mol%), PhCN/MeCN (3/1, 0.03 M), hv (25-W CFL), rt, 20 h.

To register scan the QR code below or click here!



When:

Friday 8 September 2023, 15:00

Where:

Room A2-303, Cluster A
Katsura Campus

Contact for More Information:

Prof. Tetsuaki Fujihara
E-Mail: fujihara.tetsuaki.2w@kyoto-u.ac.jp

Bring your own laptop or tablet to try it out for yourself!



Presenter:
Dr. Marcus White
Scientific Editor, Science of
Synthesis



We transform synthesis!

