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## SYNFACTS Highlights in Chemical Synthesis

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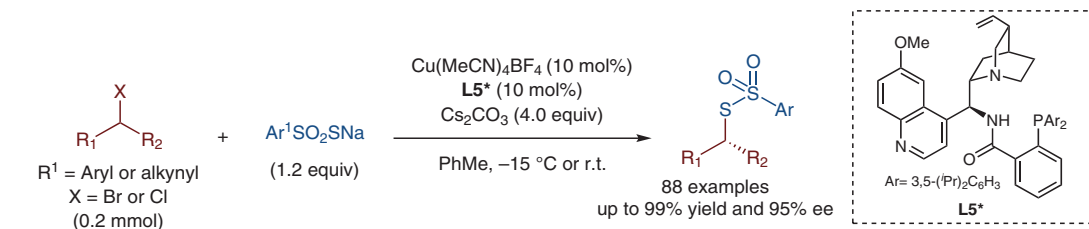
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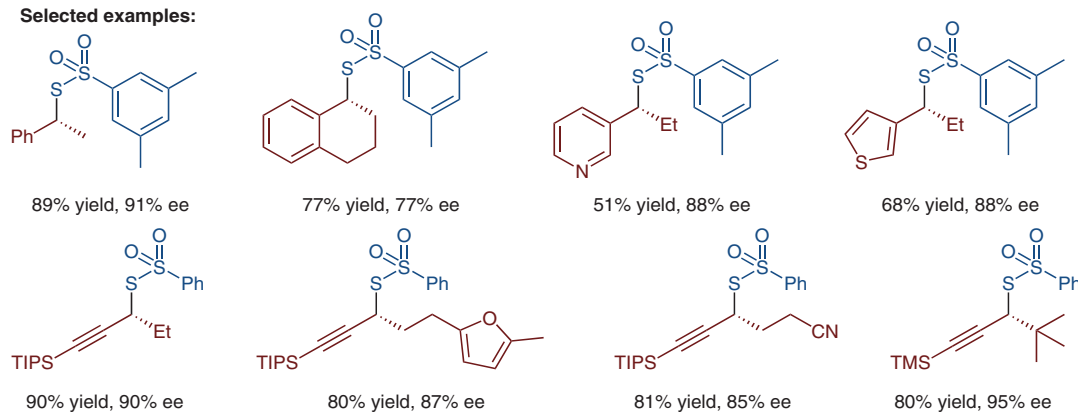
Y. TIAN, X.-T. LI, J.-R. LIU, J. CHENG, A. GAO, N.-Y. YANG, Z. LI, K.-X. GUO, W. ZHANG, H.-T. WEN, Z.-L. LI, Q.-S. GU, X. HONG, X.-Y. LIU\* (SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY, SHENZHEN, P. R. OF CHINA)

A General Copper-Catalysed Enantioconvergent C(sp<sup>3</sup>)-S Cross-Coupling via Biomimetic Radical Homolytic Substitution  
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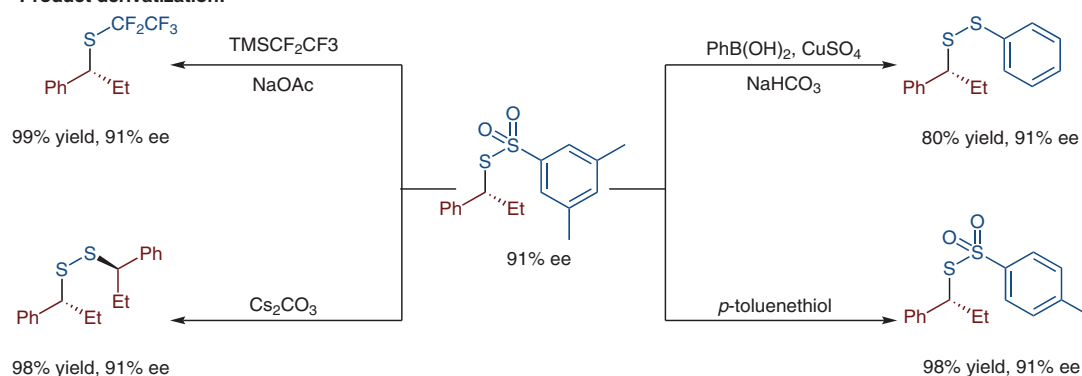
## Enantioselective Copper-Catalyzed C–S Coupling via SH2



### Selected examples:



### Product derivatization:



**Significance:** Liu and co-workers report a highly enantioselective C–S cross coupling via SH2 radical coupling. This reaction is amenable to a variety of alkyl halides. Mechanistic studies were conducted to support a SH2 process.

**Comment:** The products of the reaction were utilized to access a wide array of sulfonated compounds in high yields and with retained enantioselectivity.

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