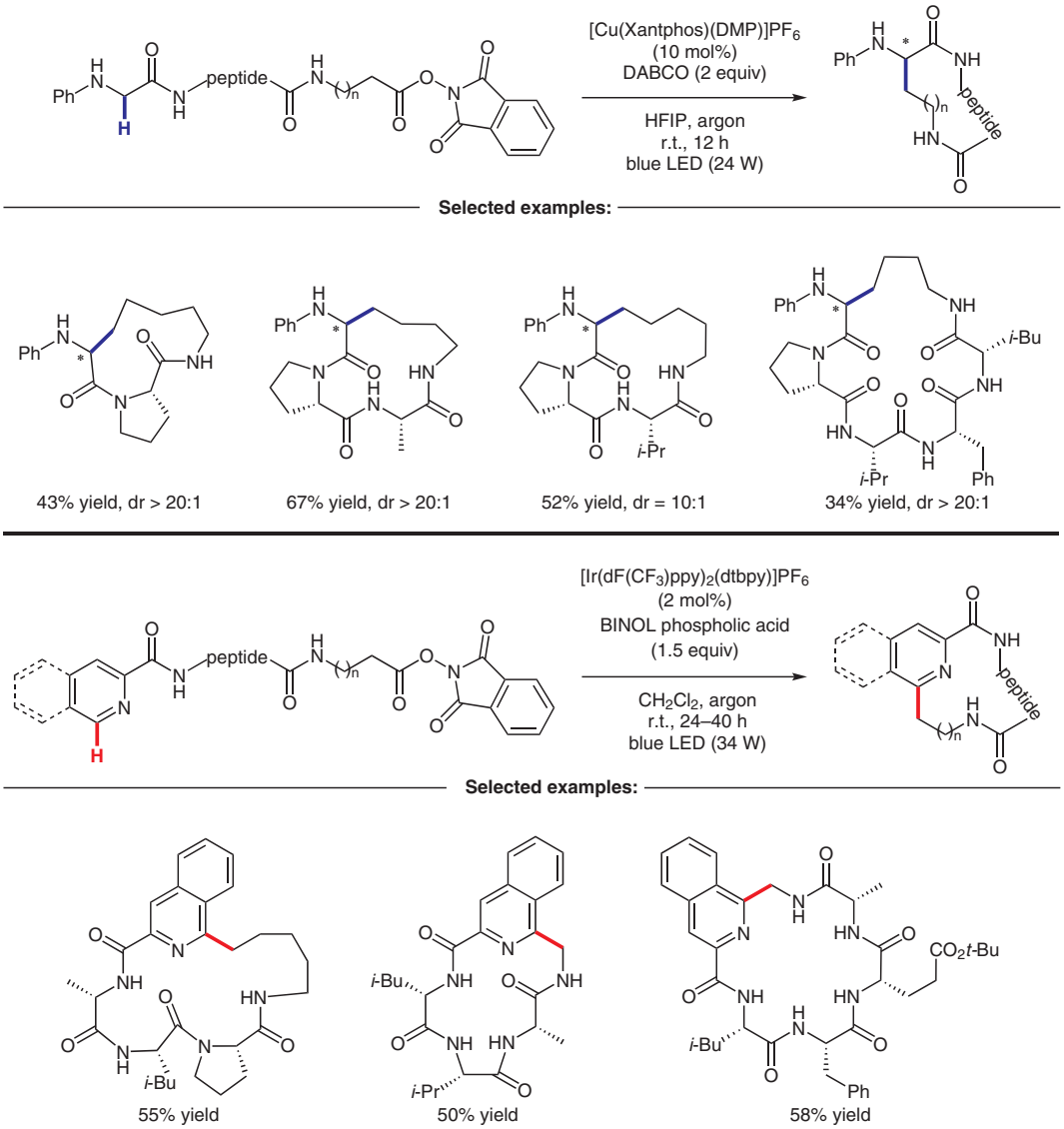
X. HU, X. CHEN, B. LI, G. HE, G. CHEN* (NANKAI UNIVERSITY, TIANJIN, P. R. OF CHINA)
Construction of Peptide Macrocycles via Radical-Mediated Intramolecular C–H Alkylations
*Org. Lett.* **2021**, *23*, 716–721, DOI: 10.1021/acs.orglett.0c03940.

# Catalytic Intramolecular C–H Alkylation for the Synthesis of Peptide Macrocycles




**Significance:** Peptide macrocycles provide an important platform for drug discovery. The authors have developed intramolecular C–H alkylations under blue LED irradiation for the macrocyclization of peptides.

**Comment:** Copper- or iridium-catalyzed intramolecular C–H alkylations were successfully promoted by blue LED irradiation. The desired peptide macrocycles were obtained in moderate yields.

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Synfacts 2021, 17(05), 0579 Published online: 20.04.2021
**DOI:** 10.1055/s-0040-1706191; **Reg-No.:** H03321SF

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**Category**
Peptide Chemistry

**Key words**
photocatalysis
copper catalysis
iridium catalysis
peptide macrocycles
C–H alkylation
macrocyclization

Synfact of the Month

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