## Journal Pre-proof

Cu-mediated or metal-free alkylation of *gem*-dibromoalkenes with tertiary, secondary and primary alkyl Grignard reagents

Yupian Deng, Xuxue Zhang, Chuan Liu, Song Cao

PII: S0040-4020(20)31047-4

DOI: https://doi.org/10.1016/j.tet.2020.131804

Reference: TET 131804

To appear in: Tetrahedron

Received Date: 22 October 2020
Revised Date: 14 November 2020
Accepted Date: 21 November 2020

Please cite this article as: Deng Y, Zhang X, Liu C, Cao S, Cu-mediated or metal-free alkylation of *gem*-dibromoalkenes with tertiary, secondary and primary alkyl Grignard reagents, *Tetrahedron*, https://doi.org/10.1016/j.tet.2020.131804.

This is a PDF file of an article that has undergone enhancements after acceptance, such as the addition of a cover page and metadata, and formatting for readability, but it is not yet the definitive version of record. This version will undergo additional copyediting, typesetting and review before it is published in its final form, but we are providing this version to give early visibility of the article. Please note that, during the production process, errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

© 2020 Elsevier Ltd. All rights reserved.

