Journal Pre-proof

Cu(I)-N-heterocyclic carbene-catalyzed base free C–N bond formation of arylboronic acids with amines and azoles

Maoyuan Zhang, Zengbing Xu, Dabin Shi

PII: S0040-4020(20)31119-4

DOI: https://doi.org/10.1016/j.tet.2020.131861

Reference: TET 131861

To appear in: Tetrahedron

Received Date: 30 September 2020 Revised Date: 2 December 2020 Accepted Date: 7 December 2020

Please cite this article as: Zhang M, Xu Z, Shi D, Cu(I)-*N*-heterocyclic carbene-catalyzed base free C–N bond formation of arylboronic acids with amines and azoles, *Tetrahedron*, https://doi.org/10.1016/j.tet.2020.131861.

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 Published by Elsevier Ltd.

