Accepted Manuscript

Title: Chemically converting graphene oxide to graphene with organic base for Suzuki reaction

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PII: S0025-5408(15)00149-X

DOI: http://dx.doi.org/doi:10.1016/j.materresbull.2015.03.002

Reference: MRB 8073

To appear in: *MRB*

Received date: 8-11-2014 Revised date: 14-2-2015 Accepted date: 2-3-2015

Please cite this article as: Xu Zhang, Chang Yu, Chunlei Wang, Zhiyu Wang, Jieshan Qiu, Chemically converting graphene oxide to graphene with organic base for Suzuki reaction, Materials Research Bulletin http://dx.doi.org/10.1016/j.materresbull.2015.03.002

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ACCEPTED MANUSCRIPT

Chemically converting graphene oxide to graphene with organic base

for Suzuki reaction

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Graphical Abstract

Highlights

- Chemically converted graphene (CCG) was made by deoxygenation of graphene oxide with organic bases.
- The dissociation constant of organic bases determines the structure of CCGs.
- Pd/CCG catalyst shows high reactivity and good recyclability for Suzuki reaction.

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