



Cite this: *Green Chem.*, 2016, **18**, 6144

Retraction: One-pot synthesis of glycidol from glycerol and dimethyl carbonate over a highly efficient and easily available solid catalyst NaAlO_2

Rongxian Bai,^a Hongkun Zhang,^a Fuming Mei,^a Shu Wang,^a Tao Li,^a Yanlong Gu^{*a,b} and Guangxing Li^{*a}

DOI: 10.1039/c6gc90102f
www.rsc.org/greenchem

Retraction of 'One-pot synthesis of glycidol from glycerol and dimethyl carbonate over a highly efficient and easily available solid catalyst NaAlO_2 ' by Rongxian Bai, *et al.*, *Green Chem.*, 2013, **15**, 2929–2934.

We, the named authors, hereby wholly retract this *Green Chemistry* article. In this article, we report the development of a one-pot synthesis of glycidol from glycerol and dimethyl carbonate using a sodium aluminate catalyst. Further investigation by ^1H NMR has revealed that upon analysis of the product by gas chromatography, glycidol was formed due to decomposition of glycerol carbonate at high temperature. As such the catalyst converts glycerol selectively to glycerol carbonate, and not glycidol.

The authors would like to thank Damien Debecker and Ramesh Sreerangappa for bringing this matter to their attention and apologise for any inconvenience to authors and readers.

Signed: Rongxian Bai, Hongkun Zhang, Fuming Mei, Shu Wang, Tao Li, Yanlong Gu and Guangxing Li, 7th October 2016.

Retraction endorsed by Sam Keltie, Executive Editor, *Green Chemistry*, 29th July 2016.

^aHubei Key Laboratory of Material Chemistry and Service Failure, Key Laboratory for Large-Format Battery, Materials and System, Ministry of Education, School of Chemistry and Chemical Engineering, Huazhong University of Science and Technology (HUST), 1037 Luoyu road, Hongshan District, Wuhan 430074, China. E-mail: ligxabc@163.com; Fax: +86 27 87543632; Tel: +86 27 87543032

^bState Key Laboratory for Oxo Synthesis and Selective Oxidation, Lanzhou Institute of Chemical Physics, Lanzhou, 730000, P. R. China

