

SUPPORTING INFORMATION

Application of an amino-functionalised metal-organic framework:

An approach to a one-pot acid-base reaction

Takashi Toyao, Mika Fujiwaki, Yu Horiuchi* and Masaya Matsuoka*

Department of Applied Chemistry, Graduate School of Engineering, Osaka Prefecture University,

1-1, Gakuen-cho, Naka-ku, Sakai, Osaka 599-8531, Japan

E-mail: horiuchi@chem.osakafu-u.ac.jp; matsumac@chem.osakafuu.ac.jp;

Fax: +81-072-254-9910; Tel: +81-072-254-9288

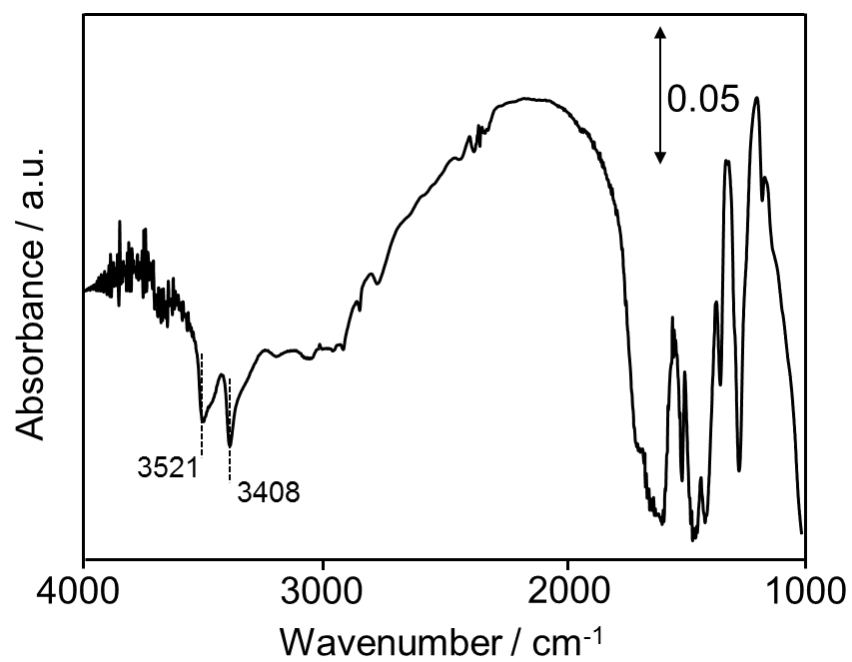


Fig. S1. FT-IR spectrum of MIL-101(Al)-NH₂.

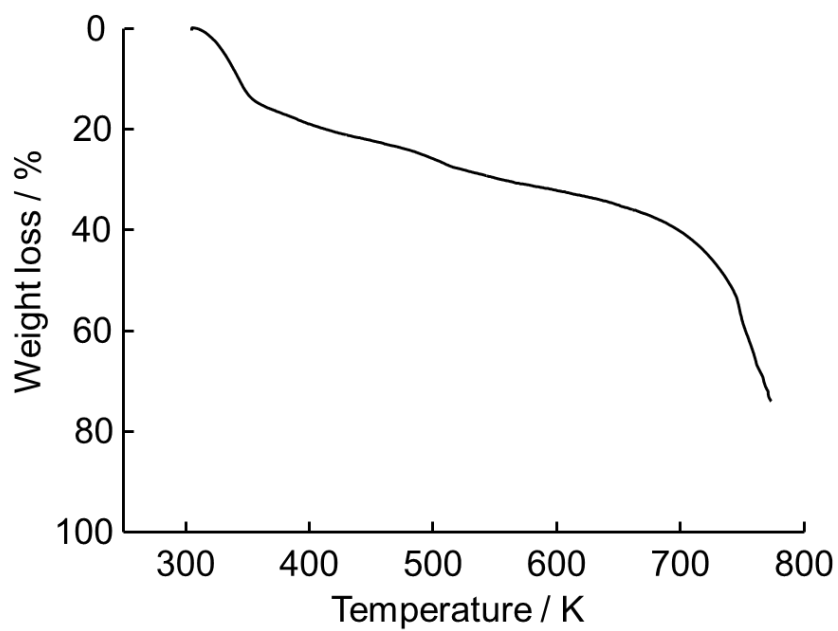


Fig. S2. TG curve of MIL-101(Al)-NH₂ measured with a heating rate of 10 K min⁻¹ in air.

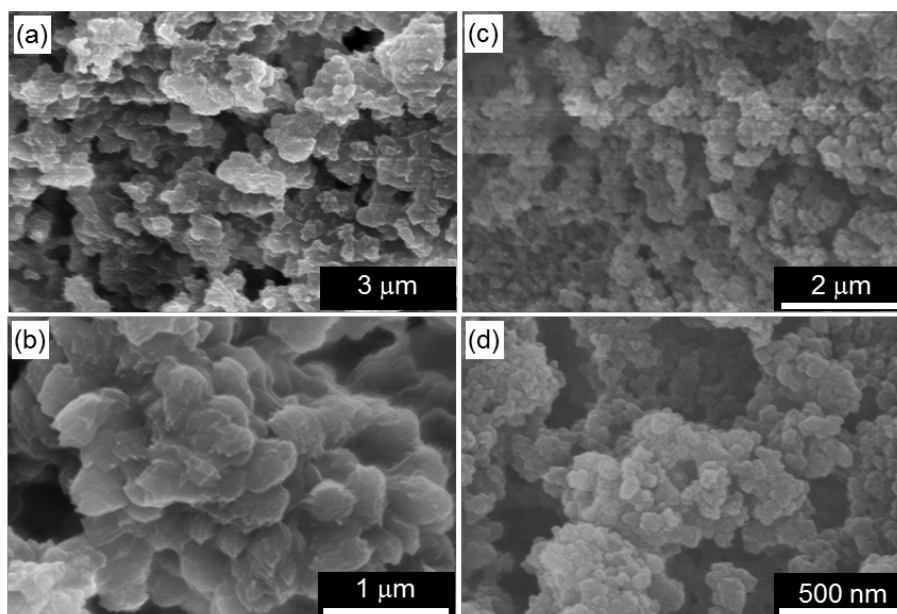


Fig. S3. SEM images of MIL-101(Al)-NH₂ (a–b) and MIL-101(Cr)-NH₂ (c–d).