

SUPPORTING INFORMATION

Influence of silicodactyly in the preparation of hybrid materials

Chiara Ivaldi¹, Ivana Miletto¹, Geo Paul¹, Giovanni B. Giovenzana², Alberto Fraccarollo¹, Maurizio Cossi¹, Leonardo Marchese¹ and Enrica Gianotti^{1,*}

¹ Dipartimento di Scienze e Innovazione Tecnologica, Università del Piemonte Orientale, V. T. Michel 11, I-15100 Alessandria, Italy.

² Dipartimento di Scienze del Farmaco, Università del Piemonte Orientale, Largo Donegani 2/3, I-28100 Novara, Italy

* Correspondence: enrica.gianotti@uniupo.it; Tel.: +39-0131-360-251

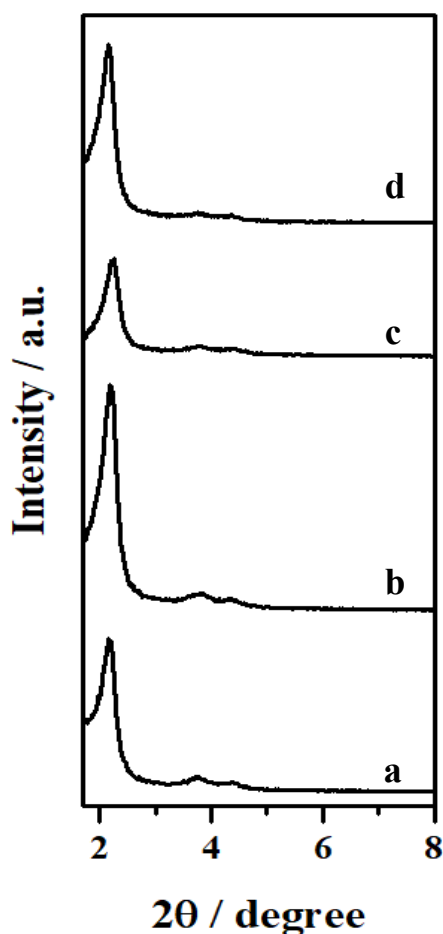


Figure S1 The XRD pattern of plain MCM-41 (curve a), MeO-MCM-41 (curve b), diMeO-MCM-41 (curve c) and triMeO-MCM-41 (curve d).

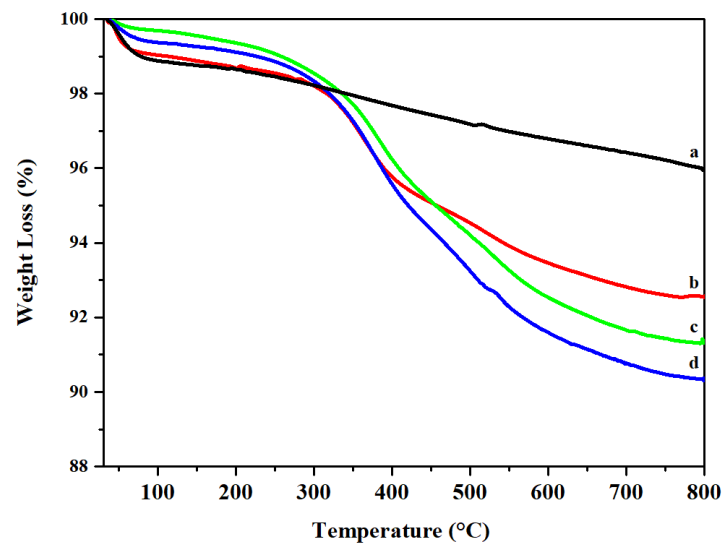


Figure S2. TGA curves of plain MCM-41 (a), MeO-MCM-41(b), diMeO-MCM-41 (c) and triMeO-MCM-41 (d).

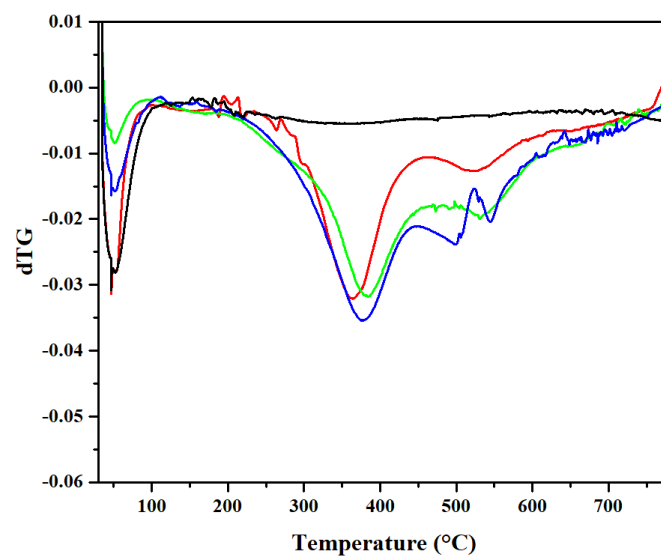


Figure S3. DTG curves of plain MCM-41 (black), MeO-MCM-41 (red), diMeO-MCM-41 (green) and triMeO-MCM-41 (blue).

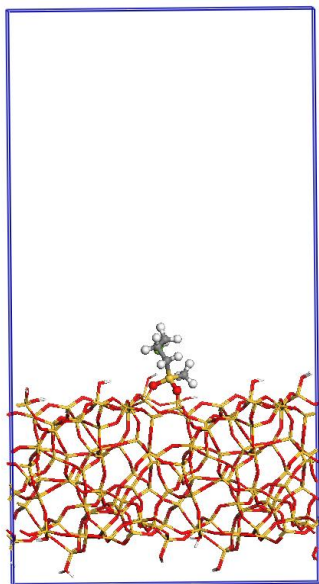


Figure S4. The simulation box contains one mercapto-propyl alkoxy silane derivative grafted on slab silica and periodic boundary conditions in all direction are used.