

Electronic Supplementary Information

Palladium Supported Ionic Liquid Catalyst (Pd-SH-SILC) Immobilized on Mercaptopropyl Silica gel as Chemoselective, Reusable and Heterogeneous Catalyst for Catalytic Hydrogenation

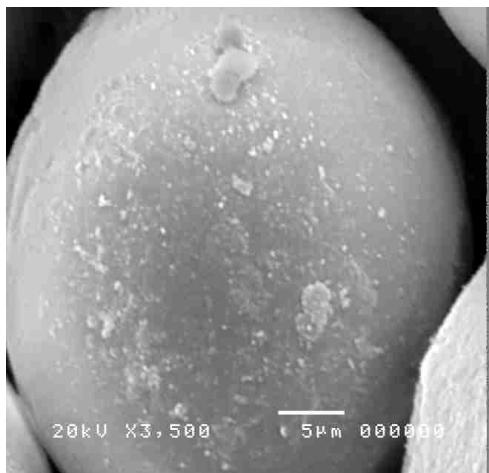
Hisahiro Hagiwara,^{*a} Tomomi Nakamura,^a Takashi Hoshi,^b and Toshio Suzuki^b

^aGraduate School of Science and Technology, Niigata University, 8050, 2-Nocho, Ikarashi, Nishi-ku, Niigata 950-2181, Japan

Fax: +81-252627368; Tel: +81-252627368; E-mail: hagiwara@gs.niigata-u.ac.jp

^bFaculty of Engineering, Niigata University, 8050, 2-Nocho, Ikarashi, Nishi-ku, Niigata 950-2181, Japan

Before hydrogenation



After hydrogenation

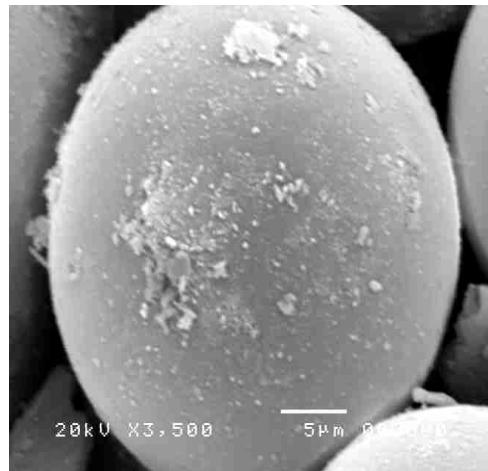
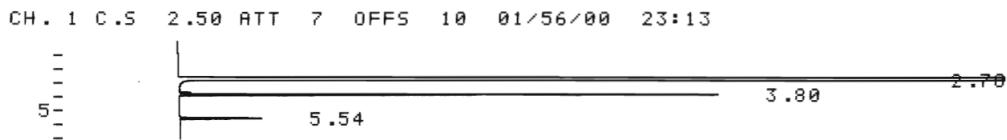


Fig S1. SEM images of Pd-SH-SILC before and after the hydrogensations

Before hydrogenation



D-2500 01/56/00 23:13

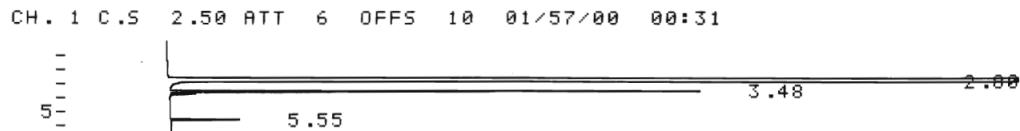
METHOD: TAG: 71 CH: 1

FILE: 2 CALC-METHOD: AREA% TABLE: 0 CONC: AREA

NO.	RT	AREA	CONC	BC
1	2.78	10609683	97.157	BB
2	3.80	268734	2.461	BB
3	5.54	41700	0.382	BB
TOTAL		10920117	100.000	
PEAK REJ :		0		

RT: 2.78, EtOH, RT 3.80: cyclohexene, RT 5.54: toluene

After hydrogenation



D-2500 01/57/00 00:31

METHOD: TAG: 74 CH: 1

FILE: 2 CALC-METHOD: AREA% TABLE: 0 CONC: AREA

NO.	RT	AREA	CONC	BC
1	2.80	12140676	98.829	BB
2	3.48	125922	1.025	BB
3	5.55	17988	0.146	BB
TOTAL		12284586	100.000	
PEAK REJ :		0		

RT: 2.80, EtOH, RT 3.48: cyclohexane, RT 5.55: toluene

Fig S2. GC spectra and % area value of the reaction mixture before and after the hydrogenations