Supporting Information

Selective Oxidation of Cyclohexanol and 2-Cyclohexen-1-ol on O/Au(111): The Effect of Molecular Structure

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Table S1. Mass spectrometer fragmentation patterns for the reaction products and those from the sublimation of condensed authentic samples on the Au(111) surface

sample	fragment (m/z) / intensity (normalized to parent ion)					
	66	68	70	94	96	98
cyclohexanone [a]			71			100
cyclohexanone [b]			75			100
2-cyclohexen-1-one [a]		449			100	
2-cyclohexen-1-one [b]		463			100	
phenol [a]	46			100		
phenol [b]	49			100		

[a] The patterns were measured for the reaction products. [b] The patterns were measured for the condensed authentic samples.