

Effect of Ionic Liquids as additives in the catalytic
properties of different immobilized preparations of
Rhizomucor miehei Lipase in the Hydrolysis of
Peracetylated Lactal

Marco Filice, Jose M. Guisan* and Jose M. Palomo*

Departamento de Biocatálisis. Instituto de Catálisis (CSIC).
c/marie curie 2 . Cantoblanco. Campus UAM, 28049 Madrid, Spain,
Fax: +34 -91 585 47 60

**Electronic Supporting information
(ESI)**

Table S1. Activity and regioselectivity of different immobilized preparations of RML in the hydrolysis of **1** in the presence of NaCl.

Support	additive	Activity ^[a]	Reaction time (h)	Conversion (%)	2 (%)	Other ^[b]
	-	0.58	24	100	100	
Octyl	NaCl	0.60	24	100	100	
	-	0.038	144	80	80	
CNBr	NaCl	0.042	144	88	57	31
	-	0.36	48	100	100	
Q-Sepharose	NaCl	0.32	48	100	70	30

Figure 1. MALDI-TOF spectrum of bihydrolized product

