

	Nominal activity (AU/mL)	Initial rate of adol addition (mmol/L.h)	DHAP conversion (%)[*]	Product yield (%)[*]
Soluble fraction	1.5	3.5	50	N.D.
Inclusion bodies	1.5	3.5	46	43
Lentikat®-IBs	1.5	18	84	76
Lentikat®-IBs	0.2	3.2	68	65

(*) Values after 25 h reaction. N.D. not determined

Table 4. Aldol addition between DHAP and S-Cbz-alaninal catalyzed by soluble FucA, IBs and Lentikat®-entrapped IBs. Reactions were performed in DMF/buffer (1:4 v/v) (see Materials and Methods for reaction medium composition). Initial DHAP concentration was 25 mM and initial (S)-Cbz-alaninal concentration 42.5 mM. Lentikat®-IBs were tested in two different reactions at different initial enzymatic activity.