evo-1.1.050

Description: Alcohol Dehydrogenase 050, NAD-dependent, bacterial

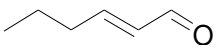
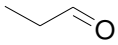
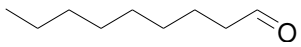
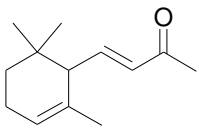
Catalyzed reaction:

trans-2-Hexenal — *trans*-2-Hexen-1-ol

Source: *E. coli*, recombinant

Storage: 4°C with 7.5 % $(NH_4)_2SO_4$

Substrate spectrum: aliphatic aldehydes are preferred but also some ketones; examples see below; for further substrates please inquire

Substrate	Structure	Activity [U/mg]	% *ee*
trans-2-Hexenal		240	-
Propanal		1020	-
Nonanal		770	-
α-Ionone		50	n. d.

n. d.: not determined

Properties: pH_{opt}: 5.8, T_{opt}: 50°C