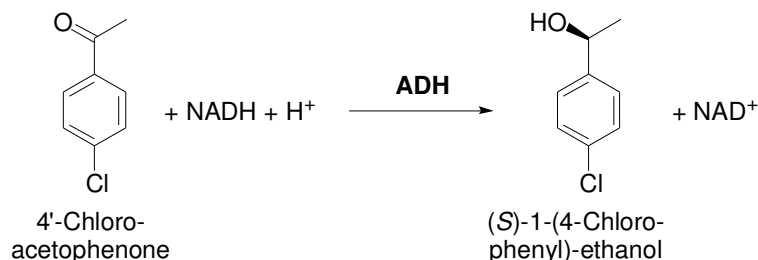


evo-1.1.030

Description: Alcohol Dehydrogenase 030, (S)-selective, NAD-dependent, bacterial

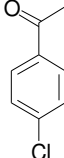
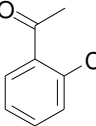
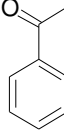
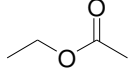
Catalyzed reaction:



Source: *E. coli*, recombinant

Storage: 4°C

Substrate spectrum: aromatic and aliphatic ketones as well as ketoesters; examples see below; for further substrates please inquire

Substrate	Structure	Activity [U/mg]	% ee
4'-Chloracetophenone		36	n. d.
2'-Chloracetophenone		5	n. d.
Acetophenone		19	> 99,5 (S)
Ethyl acetate		35	n. d.

n. d.: not determined

Properties: pH_{opt}: reduction: 6.0; oxidation: 9.0, T_{opt}: 40°C

Remarks: contains Zn²⁺