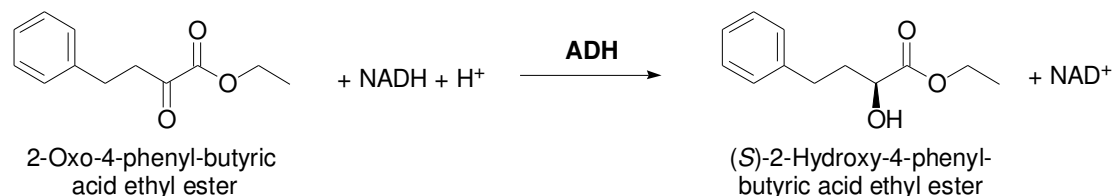


## evo-1.1.010

Description: Alcohol Dehydrogenase 010, NAD-dependent, bacterial

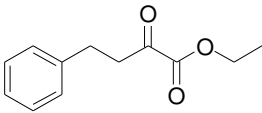
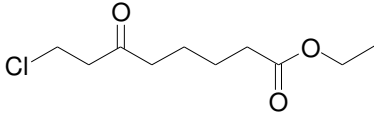
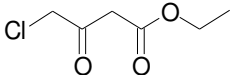
### Catalyzed reaction:



Source: *E. coli*, recombinant

Storage: 4°C

Substrate spectrum: ketones with two huge side chains, preferred ketoesters; examples see below; for further substrates please inquire

Substrate	Structure	Activity [U/mg]	% ee
2-Oxo-4-phenyl-butyric acid ethyl ester		1,000	94 (S)
8-Chloro-6-oxo-octanoic acid ethyl ester		935	n. d.
4-Chloro-3-oxo-butyric acid ethyl ester		285	> 99.5 (S)

n. d.: not determined

Properties: pH<sub>opt</sub>: 6, T<sub>opt</sub>: 37°C