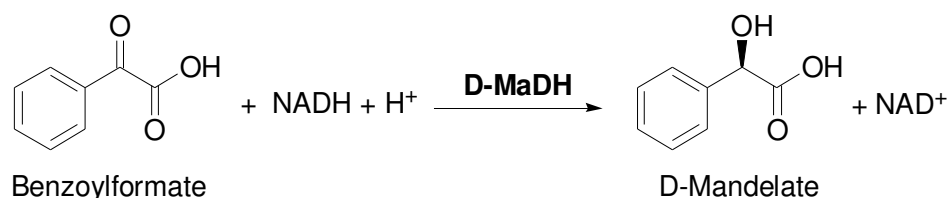


evo-1.1.130

Description: Mandelate Dehydrogenase 130, D-selective, NAD-dependent, bacterial

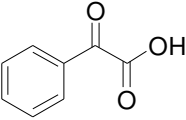
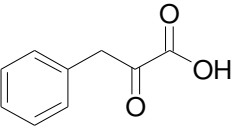
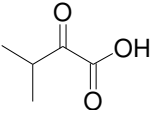
Catalyzed reaction:



Source: *E. coli*, recombinant

Storage: 4°C

Substrate spectrum: aliphatic and aromatic α -keto acids; examples see below; for further substrates please inquire (activities measured with partial purified enzyme)

Substrate	Structure	Activity [U/mg]	% ee
Benzoylformate		530	> 95 (D)
Phenylpyruvate		465	> 95 (D)
Ketovaline		740	> 95 (D)

Properties: pH_{opt}: reduction: 6.0; oxidation: 9.0, T_{opt}: 50°C