

acetaldehyde[c] + H2O[c] + NADP+[c] => acetate[c] + H+[c] + NADPH[c]
acetaldehyde[c] + H2O[c] + NAD+[c] => acetate[c] + H+[c] + NADH[c]
H+[c] + NADH[c] + ribose[c] <=> NAD+[c] + ribitol[c]
H2O[c] + NAD+[c] + phenylacetaldehyde[c] => H+[c] + NADH[c] + phenylacetate[c]
H2O[m] + NAD+[m] + phenylacetaldehyde[m] => H+[m] + NADH[m] + phenylacetate[m]
H+[c] + NADPH[c] + phenylacetate[c] <=> H2O[c] + NADP+[c] + phenylacetaldehyde[c]
H+[m] + NADPH[m] + phenylacetate[m] <=> H2O[m] + NADP+[m] + phenylacetaldehyde[m]

