

**Table 2** The reductance degree of substrates or products

	Degree of reductance ( $\gamma_D$ )	Reference
Pyruvate	3.33	[16]
Succinate	3.5	[16]
Glucose	4	[16]
Acetate	4	[16]
Biomass	4.29	[10, 11]
Glycerol	4.67	[16]
Propionate	4.67	[16]
Propanol	6	[16]