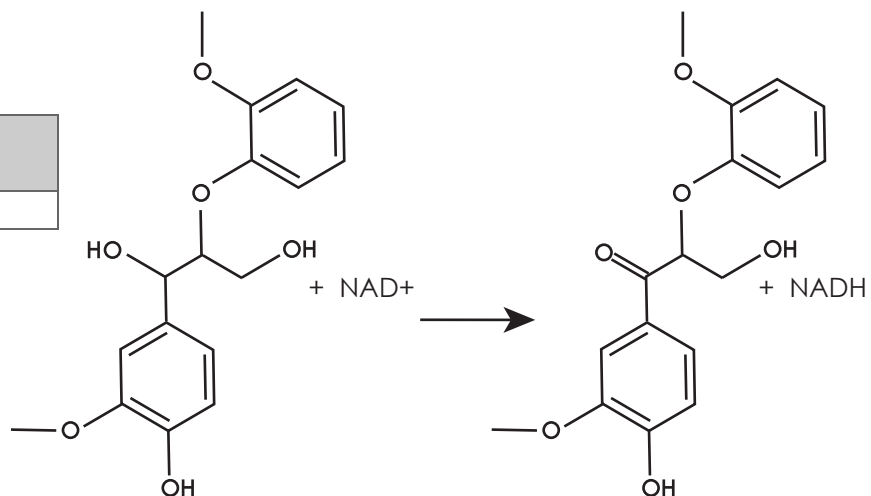


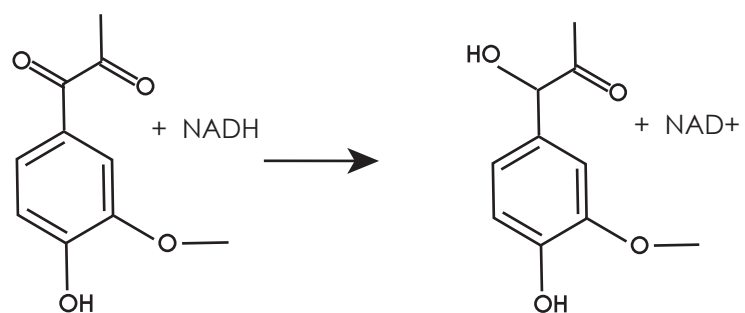
### GGE oxidation

	LigL	LigN	LigD
<i>k<sub>cat</sub></i> (1/sec)	0.12	0.30	0.2
<i>K<sub>m</sub></i> (M)	5.5e-4	7.9e-5	7.3e-5



### G-diketone reduction

	LigL	LigN	LigD
<i>k<sub>cat</sub></i> (1/sec)	1.44	0.1	0.02
<i>K<sub>m</sub></i> (M)	3.4e-3	3.1e-4	4.1e-4



### Threo-GD oxidation

	LigL	LigN	LigD
<i>k<sub>cat</sub></i> (1/sec)	0.03	NA	NA
<i>K<sub>m</sub></i> (M)	1.53e-3	NA	NA

