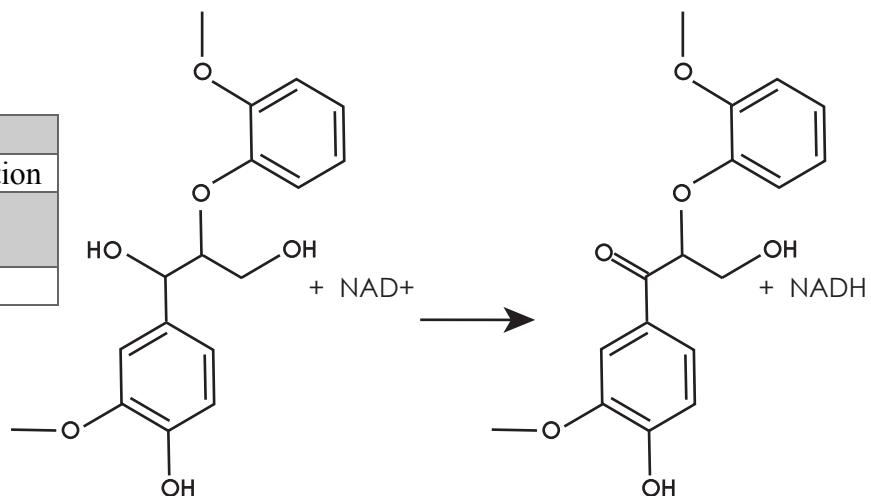


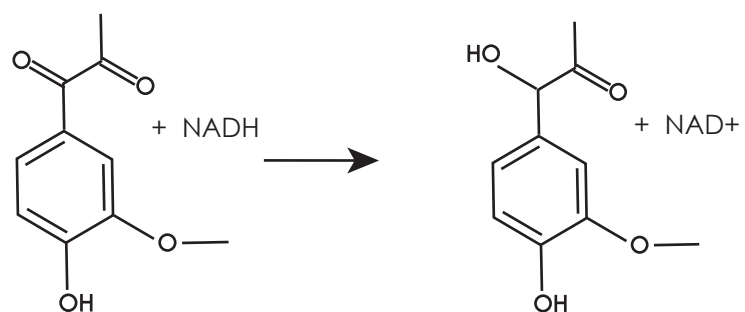
GGE oxidation

	LigL	LigN	LigD
Substrate	GGE	GGE	GGE
Direction	oxidation	oxidation	oxidation
<i>K</i> _{cat} (1/sec)	0.12	0.30	0.2
<i>K</i> _m (M)	5.5e-4	7.9e-5	7.3e-5



G-diketone reduction

	LigL	LigN	LigD
<i>K</i> _{cat} (1/sec)	1.44	0.1	0.02
<i>K</i> _m (M)	3.4e-3	3.1e-4	4.1e-4



Threo-GD oxidation

	LigL	LigN	LigD
<i>K</i> _{cat} (1/sec)	0.03	NA	NA
<i>K</i> _m (M)	1.53e-3	NA	NA

