

Keto Enol Tautomerism Using NMR

t (°C)	T (K)	I(keto)	I(enol)	X(keto)	X(enol)	K	ln K	$\Delta_r G$

Slope _____ \pm _____ (units)

Intercept _____ \pm _____ (units)

At 25:

ln K _____ \pm _____ (units)

$\Delta_r G$ _____ \pm _____ (units)

$\Delta_r H$ _____ \pm _____ (units)

$\Delta_r S$ _____ \pm _____ (units)

K_x _____ \pm _____ (units)

X(enol) _____ \pm _____ (units)