

TABLE IV

Thermodynamic parameters of the formation of the enzyme-substrate complex

Standard enthalpy, ΔH°	5300 cal·mol ⁻¹ (22.18 kJ·mol ⁻¹)
Standard entropy, ΔS°	39.71 cal·mol ⁻¹ ·K ⁻¹ (39.71 e.u.)
Standard Gibbs energy	
ΔG°_{283}	-5930 cal·mol ⁻¹ (-24.81 kJ·mol ⁻¹)
ΔG°_{293}	-6370 cal·mol ⁻¹ (-26.65 kJ·mol ⁻¹)
ΔG°_{303}	-6710 cal·mol ⁻¹ (-28.07 kJ·mol ⁻¹)
ΔG°_{310}	-7000 cal·mol ⁻¹ (-29.29 kJ·mol ⁻¹)
