解： Δr*G*⊖m=[−197.15−228.575+394.359+2×16.45]kJ⋅mol−1=1.53kJ⋅mol−1

lg*K*⊖ = −Δr*G*⊖m/(2.303*RT*) = −1.53×103/(2.303×8.314×298.15)= −0.268

*K*⊖ =0.540