TABLE 10. Additional thermodynamic data for anomeric conversions at 298.15 K

Process	ΔG°	ΔH°	ΔS°	ΔC_p°	$\Delta V^\circ \times 10^4$
	kJ mol^{-}		J mol^{-1} K^{-1}		m^3 mol^{-1}
α-xylose = β-xylose	−1.40±0.2[a]	−2.24±0.1[b]	−2.8±0.8		
α-galactose = β-galactose	−1.90±0.2[a]	−1.30±0.1[c]	2.0±0.8		
α-glucose = β-glucose	−1.24±0.1[a]	−1.15±0.05[d]	0.30±0.4	−9.±3.[f]	0.31±0.02[g]
α-mannose = β-mannose	1.70±0.2[a]	1.85±0.1[c]	0.50±0.8		
β-fructopyranose = β-fructofuranose	3.01±0.2[a]	15.2±0.5[e]	41.±2.		

[a]Calculated from data in Table 8; adjustments to 298.15 K were done using the enthalpies given in this table.
[b]Based on data given in [58KAB/PAT].
[c]Based on data given in [73TAK/ONO].
[d]Based on data given in [41STU] and [58KAB/PAT].
[e]Based on data given in [88BAL/SOM]; also see [65AND/GRO] and [66GRO/AND].
[f]Based on data given in [41STU].
[g]Based on data given in [86BER/HOO]; also see [25RIB].