

as the major cause of the difference. However, the present results compare favourably with literature data. Thus,  $\beta_1(1) = -0.20 \pm 0.02$  may be estimated from Nilsson's potentiometric data<sup>2</sup> in 1 M NaClO<sub>4</sub>. Bond,<sup>3</sup> studying the formation of TiClO<sub>4</sub> in 1 M NaF with a type of central ion measurement, obtained the constant  $0.32 \pm 0.04$ . A ligand measurement method gave<sup>3,4</sup> for the formation of TlF  $\beta_1(2) = 0 \pm 0.4$ , in 1 M NaClO<sub>4</sub> as well as in 1 M NaNO<sub>3</sub>. From the good agreement with the present results (activity coefficients are probably not very different in 0.5 M and 1 M media), one tends to conclude that medium effects are small. Assuming these to be negligible, the present data yield the following values of the individual constants (eqns. (4) and (9))

$$\beta_1 = 0.00 \pm 0.06 \text{ M}^{-1}$$

$$\gamma_1 = 0.32 \pm 0.07 \text{ M}^{-1}$$

As discussed in more detail elsewhere,<sup>1</sup> there is also more direct evidence of  $\text{Ti}^+ - \text{ClO}_4^-$  association, *e.g.* from studies of Raman spectra.<sup>8</sup> For  $\text{Ti}^+ - \text{F}^-$ , Bell and George<sup>5</sup> estimated a value of  $\beta_1$  at  $I=0$ , but according to the authors<sup>5</sup> no importance should be attached to this value.

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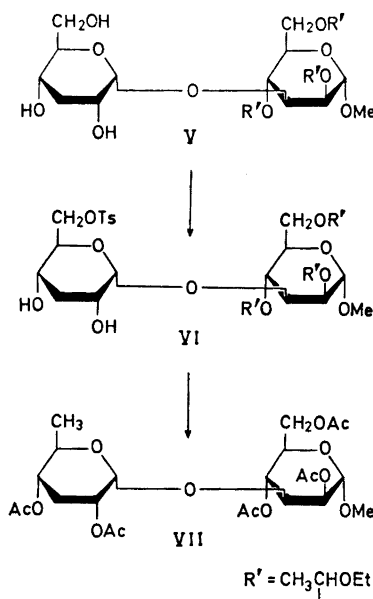
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## Corrections to: Synthesis of Methyl 3-O-(3,6-Dideoxy- $\alpha$ -D-ribo-hexopyranosyl)- $\alpha$ -D-mannopyranoside\*

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Formulae V, VI, and VII are in error. The correct formulae are depicted below.



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