

CORRIGENDA

0040-4020(95)00674-5

Carl H. Schiesser, Bruce A. Smart and Tu-Anh Tran, An *ab initio* study of some free-radical homolytic substitution reactions at halogen, *Tetrahedron*, **1995**, *51*, 3327–3338, 0040-4020(95)00054-2,

and

Carl H. Schiesser and Bruce A. Smart, An *ab initio* study of some free-radical homolytic substitution reactions at sulfur, selenium and tellurium, *Tetrahedron*, **1995**, *51*, 6051–6060, 0040-4020(95)00263-4.

Due to a basis set error, the calculated stabilities of the methyl radical are overestimated at all levels of theory. The energies reported for $\cdot\text{CH}_3$ on pages 3336 and 6058 should read:

SCF: -39.57176 Hartees
MP2: -39.69727
QCISD//MP2: -39.71891

As a consequence, all reported energy barriers involving the attack of methyl radical, namely ΔE^\ddagger (pages 3332 and 6053) and ΔE_2^\ddagger (pages 3331, 3334 and 6055) are overestimated by 0.4 kJ.mol⁻¹ (SCF), 2.0 kJ.mol⁻¹ (MP2) and 1.7 kJ.mol⁻¹ (QCISD//MP2).