Erratum

Reactivity of 2-Halo-2*H*-azirines. Part II. Thermal Ring Expansion Reactions: Synthesis of 4-Haloisoxazoles

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We had reported that under thermolysis 2-benzoyl-2-halo-2*H*-azirine-3-carboxylates **1** undergo ring expansion giving products in high yield which were identified as being 4-haloisoxazoles **3** (Scheme 1). The same products can also be obtained in high yield from the thermolysis of haloazidoalkenes **2** via intermediate 2-benzoyl-2-halo-2*H*-azirines **1**.

Scheme 1

Recently, new data have been disclosed allowing to demonstrate that methyl 2-benzoyl-2-halo-2*H*-azirine-3-carboxylates undergo thermal ring expansion to give 4-halo-5-phenyl-1,3-oxazole-2-carboxylates **4** and not the isomeric isoxazoles (Scheme 2).¹ These 1,3-oxazoles can also be obtained in high yield from haloazidoalkenes **2**.

Scheme 2

Reference

(1) Lopes, S.; Nunes, C. M.; Fausto, R.; Pinho e Melo, T. M. V. D. *J. Mol. Struct.* **2009**, 919, 47.