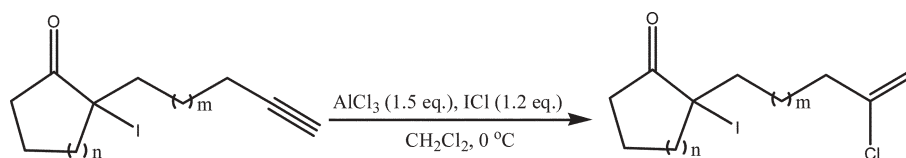


AlCl₃/ICl-mediated iodo-carbocyclization of α -iodo cycloalkanones: a new entry to spirocyclic ketones

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The authors reported a synthesis of spirocyclic ketones from α -iodo cycloalkanones bearing acetylenic side chains by treatment with AlCl₃ and ICl. After further study on this subject, the authors have now discovered that the products of this reaction were the products of addition of ICl to the terminal alkyne groups of the starting materials (Scheme 1) and not the spirocyclic ketones. The addition of ICl was facilitated by AlCl₃. In the absence of AlCl₃, this reaction gave a mixture of products.¹



Scheme 1

1. Chin-Kang Sha, Chao-Hua Jiang and Annyt Bhattacharyya, *unpublished observations*.

The Royal Society of Chemistry apologises for this error and any consequent inconvenience to authors and readers.

Additions and corrections can be viewed online by accessing the original article to which they apply.
