

This article was downloaded by:

On: 27 January 2011

Access details: *Access Details: Free Access*

Publisher *Taylor & Francis*

Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



Organic Preparations and Procedures International

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t902189982>

STYRYL CARBONATES FROM ARYLACETONES. A CORRECTION

John L. Wong^a; Calvin H. Savells Jr.^a

^a Department of Chemistry, University of Louisville, Louisville, Kentucky

To cite this Article Wong, John L. and Savells Jr., Calvin H. (1971) 'STYRYL CARBONATES FROM ARYLACETONES. A CORRECTION', *Organic Preparations and Procedures International*, 3: 5, 269

To link to this Article: DOI: 10.1080/00304947109356787

URL: <http://dx.doi.org/10.1080/00304947109356787>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

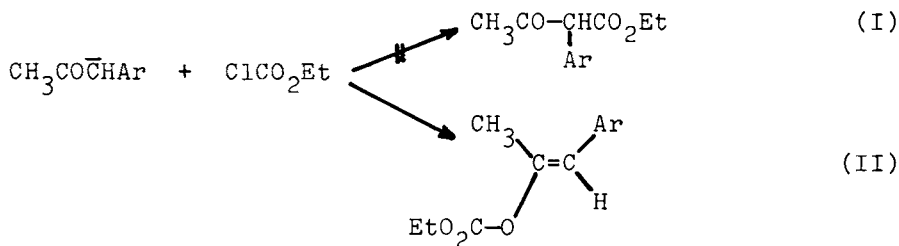
This article may be used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

STYRYL CARBONATES FROM ARYLACETONES. A CORRECTION

John L. Wong and Calvin H. Savells, Jr.
 Department of Chemistry
 University of Louisville, Louisville, Kentucky 40208

We have recently reported¹ that the treatment of several arylacetone anions with ethyl chloroformate gave the α -aryl- β -ketoesters (I). Recent spectral evidence² indicates that the products isolated are instead the corresponding styryl carbonates (II).



References

1. J. L. Wong and M. K. Ali, *Org. Prep Proced.*, 2, 193 (1970).
2. The product from phenylacetone showed two singlets at δ_{CCl_4} 5.8(1H) and 2.1(3H) which were resolved into a quartet ($J = 0.99$ Hz) and a doublet ($J = 0.99$ Hz) respectively; the same splitting pattern was observed in all the other products [see H. Rottendorf, S. Sternhell and J. R. Wilmshurst, *Australian J. Chem.*, 18, 1759 (1965) and M. J. Dewar and R. C. Fahey, *J. Am. Chem. Soc.*, 85, 3645 (1968)].

(Received July 23, 1971)