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Phosphorus, Sulfur, and Silicon and the Related Elements

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713618290>

The Tandem Reaction can Generate Either Alkyl- or Vinylphosphonates--Depends on the Order of Reactants Mixing

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Online publication date: 27 October 2010

To cite this Article Cherkasov, Rafael A. , Kuramshin, Arcady I. and Kuramshina, Helen S.(2002) 'The Tandem Reaction can Generate Either Alkyl- or Vinylphosphonates--Depends on the Order of Reactants Mixing', *Phosphorus, Sulfur, and Silicon and the Related Elements*, 177: 8, 1983

To link to this Article: DOI: 10.1080/10426500213321

URL: <http://dx.doi.org/10.1080/10426500213321>

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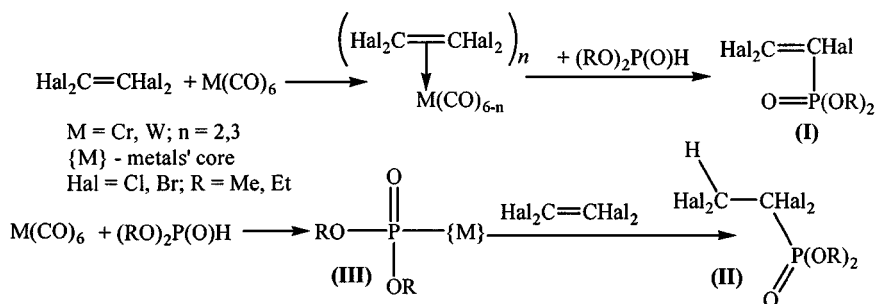
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(Received July 29, 2001; accepted December 25, 2001)

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SCHEME 1

The products **(I)** form because of the activation of the vinylhalides to S_N reaction being linked with the metals' core; the products **(II)** form when the C=C bond inserts the active P-M bond in the intermediate **(III)**.

This work is supported by the joint program of CRDF and Russian Ministry of Education, “Basic Research & High Education” (grant REC 007); and Russian Ministry of Education program, “The Investigations of the High School at the Frontier of the Science & Techniques” (grant 0.2.01. 009).

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