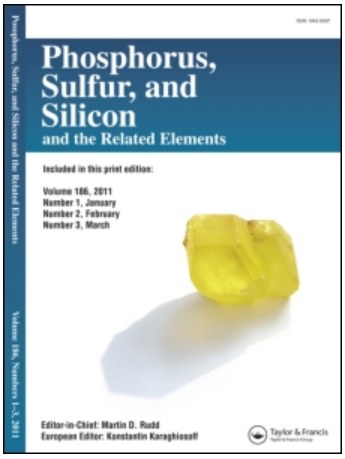

Phosphorus, Sulfur, and Silicon and the Related Elements
Publication details, including instructions for authors and subscription information:
http://www.informaworld.com/smpp/title~content=t713618290

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To cite this Article Gubaidullin, Aidar T. , Mironov, Vladimir F. , Ivkova, Gulnara A. , Litvinov, Igor A. , Konovalova, Irina V. , Burnaeva, Liliya M. , Azancheev, Nail M. and Konovalov, Alexander I.(1999) 'Synthesis and Spatial Structure of the Derivatives of 2,5-Dioxo-3,3-Bis(Trifluoromethyl)-6,7-Benzo-1,4,2-and 2,5-Dioxo-4,4-Bis(Trifluoromethyl)-6,7-Benzo-1,3,2-Oxazaphosphepines', Phosphorus, Sulfur, and Silicon and the Related Elements, 147: 1, 269
To link to this Article: DOI: 10.1080/10426509908053615
URL: http://dx.doi.org/10.1080/10426509908053615

Phosphorus, Sulfur and Silicon, 1999, Vol. 147, pp. 269-269
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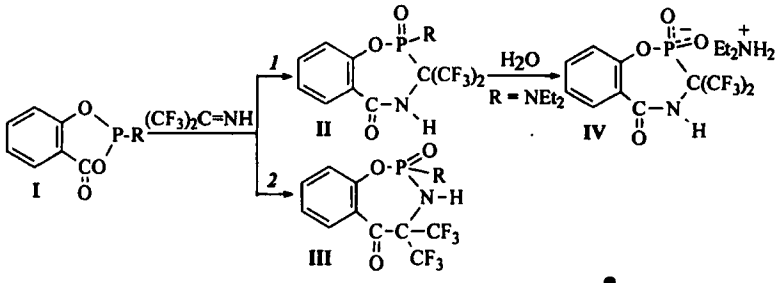
Hexafluoroacetone imine easily interacts with compounds (**I**, R = OMe, $OCH_2CF_2CHF_2$, NEt_2, Ph) in two directions unlike hexafluoroacetone and gives 1,4,2-oxazaphosphepines (**II**) (pathway *1*) or 1,3,2-oxazaphosphepines (**III**) (pathway *2*). The compound (**II**) (R = NEt_2) lightly hydrolyzes to yield the salt (**IV**). The structure of heterocycles (**II-IV**) has been confirmed by X-ray analysis (see fig. 1, **II**, R = OMe; fig. 2, **IV**). The detail structural peculiarities of the compounds are discussed.



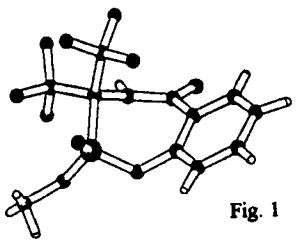


Fig. 1

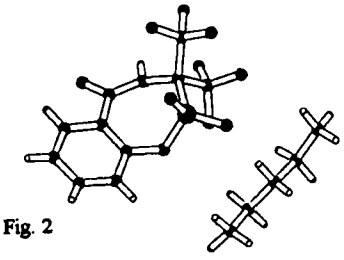


Fig. 2