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## Phosphorus, Sulfur, and Silicon and the Related Elements

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### Synthesis of 1-Aminoalkanephosphonic and Phosphonous Acids Bearing Furan Moiety

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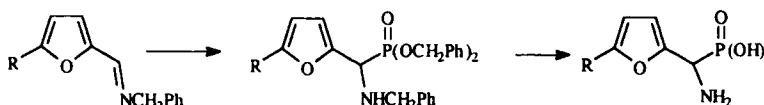
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## Synthesis of 1-Aminoalkanephosphonic and Phosphonous Acids Bearing Furan Moiety

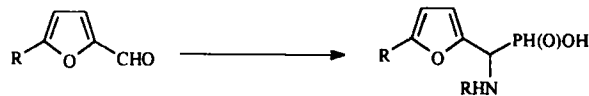
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Synthesis of a series of 1-aminoalkanephosphonic acids bearing furan moiety was performed, starting from the preparation[1] of various N-substituted aminophosphonic esters. We were encouraged by previous Boduszek's study [2].



Synthesis of aminophosphonous acids bearing furan moiety was carried out *via* addition of hypophosphorous acid to furaldimines or *via* Strecker like reaction [3].



### References

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- [2] B. Boduszek, *Phosphorus Sulfur Silicon*, **1995**, *104*, 63; *ibid.*, **1996** *113*, 209.
- [3] K. Baylis, C.D. Campbell and J.G. Dingwall, *J.Chem.Soc.Perkin Trans.I*, **1994**, 2845.