

Synthesis of New Bifenylfuranes

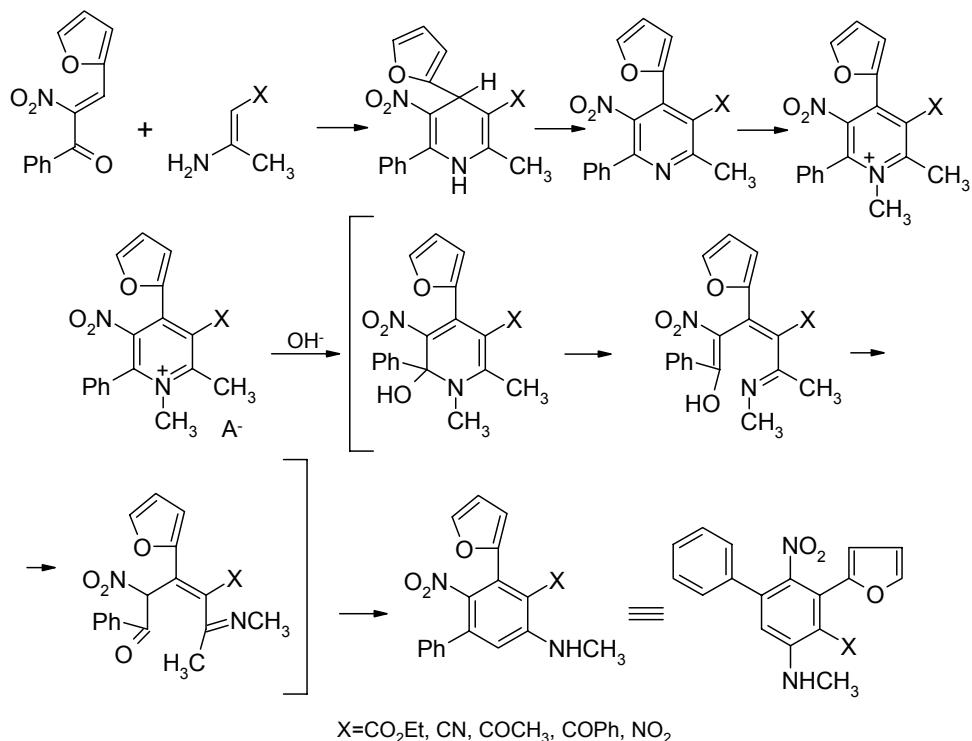
Galina P. Sagitullina, Larisa V. Glyzdinskaya, Reva S. Sagitullin

Department of Organic Chemistry, Omsk State University

Mira avenue 55a, 644077, Russia

e-mail: shkil@univer.omsk.su

During investigation of the pyridinium salts [1-3] recyclization, we fulfilled synthesis of bifenylfuranes by rearrangement of 4-furyl substituted pyridinium salts.



Structures of obtained compounds were proved by NMR, IR spectroscopy and mass-spectrometry methods.

References

1. Shkil G.P., Sagitullin R.S. A. New Synthesis of the Pyrrole Ring // Tetrahedron Lett.- 1993.-V. 34. -№37-P. 5967-5968.
2. Shkil G.P., Sagitullin R.S. A. New Route to the Methacyclophane Sustem // Tetrahedron Lett.- 1994.-V. 35. -№13-P. 2075-2076.
3. Shkil G.P., Lusis V., Muceniece D., Sagitullin R.S. Recyclization of Poisubstituted Pyridinium Salts // Tetrahedron. – 1995.- V. 51. -№ 31. – P.8599-8604.

We are grateful to Russian for Basic Research for financial support (Grand No 04-03-32652)