

## The expansion of the area of application of base-catalyzed intramolecular cyclization of quaternary ammonium salts.

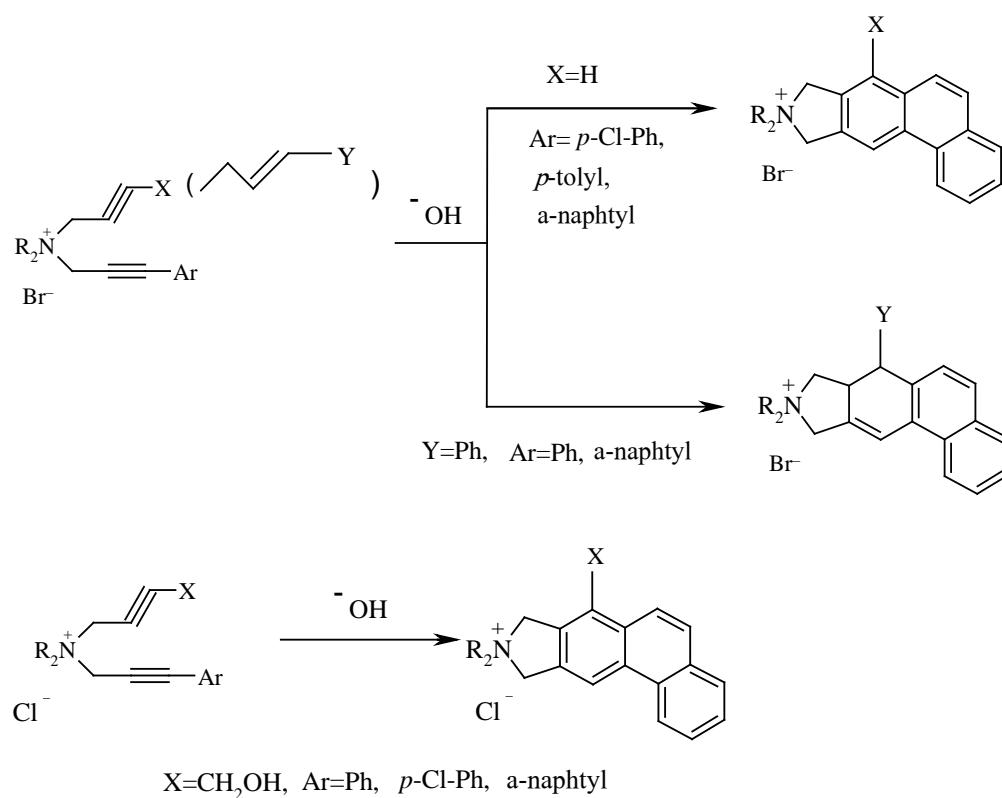
E.O. Chukhajyan, K.G. Shahkhatuni, L.V. Ayrapetyan

*The Scientific Technological Centre of Organic and Pharmaceutical Chemistry of National Academy of Sciences of Republic of Armenia, Yerevan, 0014, Azatutyan ave. 26,*

*E-mail: [qnarsh@yandex.ru](mailto:qnarsh@yandex.ru)*

Base-catalyzed intramolecular cyclization of ammonium salts, containing  $\beta,\gamma$ -unsaturated groups alongside with enynic fragments of various types, first discovered by A.T. Babayan, E.O. Chukhajyan and other authors, is quite new direction in organic chemistry [1].

The expansion and development of the fields of application of this reaction includes enormous possibilities for synthesis bioactive condensed analogues of isoindolinium and dihydroisoindolinium salts.



Among obtained compounds there are representatives with high physiological activity, which is defended by numerous copyrights of Soviet Union and also patents of Republic of Armenia.

### List of literature

- [1] 1. Чухаджян Э.О. //ХГС. 1993.- № 4, С. 435-449. (Chem. Abstr. 1993.-119/2709 19t).