

## KHOTINSKIY EUGENIY SEMENOVICH AND HIS PYRROLE CHEMISTRY CONNECTED RESEARCHES

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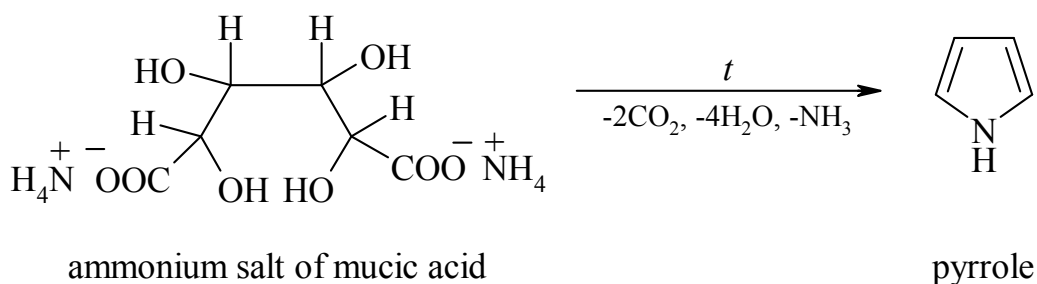
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Khotinskiy EugeniY Semenovich (1877-1959) is well-known organic chemist, the first Head of the Organic Chemistry Department of Kharkiv Pharmaceutical Institute (1925-1941) and Kharkiv State University (1929-1959). Also he was the Head of the Laboratory of Chemistry in the Organic Synthesis Research Institute.

In 1904 Khotinskiy graduated from the Faculty of Science at the University of Geneva with a Bachelor Degree of Physical and Natural Sciences. Then he performed scientific research named «Bromination and reduction of pyrroles», and received his Doctor Degree in Physical Sciences (specialization – Chemistry). After that E.S. Khotinskiy started working together with the famous chemist A. Pictet.

At that time Khotinskiy began his experimental scientific research in the pyrrole chemistry area. He studied pyrrole and its derivatives, and most of his work results later became classical. He investigated the mechanism of pyrrole formation by the distillation of the diammonium salt of mucic acid. Moreover, he developed methods of different possible pyrrole transformations: hydrogenation, halogenation, nitration. Together Pictet and Khotinskiy synthesized mix anhydrides of nitric acid and acetic acid.



The results of this research work in the area of pyrrole chemistry were published in the book «Об образовании пиррола и некоторых его производных из слизевомманийных солей» /Евгений Семенович Хотинский – Харків: Б. и., 1914 . – 9 с. – Отд. отт. из «Трудов Общества физико-химических наук при Харьковском университете», Т. 42, 1914 г.

Pyrrole formation method, which was proposed by Khotinskiy, is still specific and classical one. It's described at all textbooks connected with heterocyclic chemistry.