

UDC 547.673
LBC 24.2
M 98

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THE MODIFIED ANTHRAQUINONES: Monograph.- Almaty: Globus CBB, 2014.- 678 p.
ISBN 978-601-7053-32-1

Here, we introduce summary review of the variety, structure, reactivity, chemical modification of structures of natural hydroxyanthraquinones, the results of bioscreening of 460 transformation products, detected 'structure-biological activity' interrelation and physico-chemical characteristics of more than 900 products of modification of the most common hydroxyanthraquinones.

Every type of reactions is represented by known and author's conditions the reactions, specific conditions and features found by authors.

All new structures with the set of physical and chemical features have been recorded in electronic data base for the new substances.

The results of bioscreening allowed discovering new types of biological activity and its relation with the structure of studied compositions, undescribed before for the natural hydroxyanthraquinones and their derivatives.

The book can be used in scientific researches and study process during discussing matters concerning goal-oriented synthesis of biologically active substances, search of the most effective pharmacophore and creation of new highly-effective means and products with set of useful properties.

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