

Synthesis, structure, and biologic activity of products of reactions between dinitrodichlorobenzofuroxane and aminopyrimidines in aqueous dimethyl sulfoxide

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Abstract

© 2016, Pleiades Publishing, Ltd. Reactions of 4,6-dinitro-5,7-dichlorobenzofuroxane with substituted pyrimidines in aqueous DMSO proceed through an intermediate formation of 5-hydroxy-4,6-dinitro-7-chlorobenzofuroxane owing to the hydrolysis of one of the chlorine atoms with the subsequent formation of pyrimidine salts exhibiting a high biologic action.

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