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Toxic properties of potential hepatic protectors study of new pyrimidine derivatives class

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Abstract

© 2014 AENSI Publisher All rights reserved. The basic toxic properties of the potential hepatic protectors of the pyrimidine derivatives class were studied on the basis of Daphnia culture experiments. These protectors are the new analogues of the domestic drug Xymedon. The doses of acute toxicity, the chronic toxicity and embryotoxicity values are determined. It was revealed that according to all the studied toxicometry parameters the 29-R compound has the least levels of toxicity.

Keywords

Daphnia, Hepatic protectors, Pyrimidine derivatives, Toxicity