

Novel *N*-hydroxybenzamide derivatives of taurine

© Anatoli K. Brel,* Yulia N. Budaeva, Svetlana V. Lisina,⁺

Sergey S. Popov, and Dmitry V. Verkholyak

Chemistry Department. Volgograd State Medical University. Pavshikh Bortsov Sq., 1.
Volgograd, 400131. Russia. Phone: +7 (8442) 38-43-13. E-mail: svlisina@gmail.com

*Supervising author; ⁺Corresponding author

Keywords: hydroxybenzamides, taurine (2-aminoethanesulfonic acid), biological activity, acute toxicity.

Abstract

Hydroxybenzamides were obtained by *N*-acylation of 2-aminoethanesulfonic acid (taurine). The structure of the obtained compounds was confirmed by ¹H NMR-spectroscopy. The biological activity and acute toxicity of the synthesized compounds were predicted with PASS (Predictor of Activity Spectra for Substance).