

Russian Journal of General Chemistry 2016 vol.86 N8, pages 1850-1853

Acylated benzothiazinesulfoneamides: Synthesis and molecular structure

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Abstract

© 2016, Pleiades Publishing, Ltd. 1,2,3,4,4a,10b-Hexahydro-1,4-methano-6H-dibenzo[*c*,*-j*]-5,6-thiazine-5,5-dioxide has been converted into the corresponding N-acyl derivatives via the reaction with acid chlorides and anhydrides. X-Ray diffraction data have revealed the presence of an intramolecular C-H \cdots O=S hydrogen bond in the molecules of the obtained compounds.

<http://dx.doi.org/10.1134/S1070363216080120>

Keywords

acylation, intramolecular interactions, sulfonamides, X-ray diffraction analysis