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**Isothermal calorimetry and <sup>1</sup>H NMR study on complex formation of cyclodextrins with pharmacologically active 1,2,4-thiadiazole derivatives**

*Chislov Mikhail<sup>1</sup>, Brusnikina Maria<sup>1</sup>, Proshin Alexey<sup>2</sup>, Kumeev Roman<sup>1</sup>, Terekhova Irina<sup>1</sup>*

<sup>1</sup> G.A. Krestov Institute of Solution Chemistry of the Russian Academy of Sciences,

<sup>2</sup> Institute of Physiologically Active Compounds of Russian Academy of Sciences

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**Synthesis of La<sub>2</sub>Zr<sub>2</sub>O<sub>7</sub> by thermal treatment of mechanically activated salt mixture**

*Kalinkin Aleksandr<sup>1</sup>, Usoltsev Aleksandr<sup>2</sup>, Kalinkina Elena<sup>1</sup>, Chislov Mikhail<sup>3</sup>, Zvereva Irina<sup>3</sup>, Nevedomskii Vladimir<sup>4</sup>*

<sup>1</sup> I.V. Tananaev Institute for Chemistry and Technology of Rare Elements and Mineral Raw Materials, Kola Research Center RAS, Apatity,

<sup>2</sup> Murmansk State Technical University,

<sup>3</sup> Saint Petersburg State University,

<sup>4</sup> Ioffe Physical-Technical Institute, RAS

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**Thermal analysis of topochemical processes in layered materials**

*Zvereva Irina, Chislov Mikhail, Silyukov Oleg, Utkina Tatyana*

Saint Petersburg State University

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**Water sorption by layered perovskite-type titanate K<sub>2</sub>Nd<sub>2</sub>Ti<sub>3</sub>O<sub>10</sub> in humid atmosphere**

*Utkina Tatyana, Chislov Mikhail, Myshenkov Mikhail, Rodionov Ivan, Zvereva Irina*

Saint Petersburg State University

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