

LISTA LUCRĂRILOR PUBLICATE

TITLUL TEZEI DE DOCTORAT: “Studiul comportării termice a unor materiale și substanțe biologic active”, îndrumător științific: Prof. univ.dr.ing.habil. Titus Vlase.

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- [2]. Vlase G, Budiul M, Vlase T, Albu P, Ledeți A. Thermally induced interactions between adamantan-2-one and some pharmaceutical excipients. *J. Therm. Anal. Calorim.* 2018; 131(1):201-213.
- [3]. Budiul M, Albu P, Vlase G, Turcuș V, Vlase T. Thermogravimetric and calorimetric studies performed on memantine hydrochloride to determine its thermal behavior and possible drug-excipient interactions. *J. Therm. Anal. Calorim.* 2017; 127:555-564;
- [4]. Mateescu M, Budiul M, Albu P, Vlase G, Vlase T. Thermal behavior and kinetic study of degradation for adamantan-2-one versus memantine hydrochloride. (2017) *J. Therm. Anal. Calorim.* 2017; 130 (1):391-396.
- [5]. Vlase G, Budiul M, Pătruțescu C, Albu P, Vlase T. An extensive compatibility study of mycophenolate mofetil with different excipients by spectroscopic and thermoanalytical investigation techniques. *J. Therm. Anal. Calorim.* 2018; 131(1):225-236.
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- [1]. Paul Albu, Mihaela Budiul, Gabriela Vlase, Titus Vlase, Thermogravimetric studies performed on memantine hydrochloride to determine its thermal behaviour and the kinetic parameters of the

degradation process, 3rd Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC3), 25-28 August 2015, Ljubljana, Slovenia, Poster Presentation 73, Book of abstract pg. 239;

[2]. Ionel Ciucanu, Mihaela Maria Budiul, Titus Vlase, Determination of simvastatin thermal degradation products by chromatography-mass spectrometry methods ,12th Conference On Calorimetry And Thermal Analysis of the Polish Society Of Calorimetry And Thermal Analysis (CCTA 12) and 5th Joint Czech-Hungarian-Polish–Slovakian Thermoanalytical Conference, 6 - 10 Septemberie 2015, Zakopane, Polonia, Flash presentation, Book of abstracts pg. 414;

[3]. Ionel Ciucanu, Mihaela Maria Budiul, Titus Vlase, Chromatography-mass spectrometry methods for thermal degradation products of lovastatin, 12th Conference On Calorimetry And Thermal Analysis of the Polish Society Of Calorimetry And Thermal Analysis (CCTA 12) and 5th Joint Czech-Hungarian-Polish–Slovakian Thermoanalytical Conference, 6 - 10 Septemberie 2015, Zakopane, Polonia, Flash presentation, Book of abstracts pg. 415;

[4]. Mihaela Maria Budiul, Iuliana Lacrămiorara Axinte, Gabriela Vlase, Titus Vlase, Paul Albu, Evaluation of the effect of functional groups on the thermal stability of adamantine derivatives. Case study: adamantan-2- one and memantine hydrochloride, 25 th Symposium on Thermal Analysis and Calorimetry- Eugen Segal, 15 aprilie 2015, Bucureşti, România, Poster Presentation 28, Book of abstract pg. 70;

[5]. Paul Albu, Mihaela Maria Budiul, Gabriela Vlase, Titus Vlase, Compatibility studies of Mycophenolate mofetil in binary mixtures with different excipients, 25 th Symposium on Thermal Analysis and Calorimetry- Eugen Segal, 15 aprilie 2016, Bucureşti, România, Poster Presentation 34, Book of abstract pg. 76;

[6]. Mihaela Budiul, Gabriela Vlase, Paul Albu, Adriana Ledeti, Ionuț Ledeti, Titus Vlase, Comparative thermal behavior and kinetic study of degradation for adamantan-2-one vs. memantine hydrochloride, AICAT-GICAT, 25 - 28 Septembrie 2016, 2016, Ischia (NA), Italia, Poster Presentation 45, Book of abstract pg. 90;

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