Accepted Manuscript

Comparative Characterization of Crofelemer Samples using Data Mining and Machine Learning Approaches with Analytical Stability Data Sets

Maulik K. Nariya, Jae Hyun Kim, Jian Xiong, Peter A. Kleindl, Asha Hewarathna, Adam C. Fisher, Sangeeta B. Joshi, Christian Schöneich, M. Laird Forrest, C. Russell Middaugh, David B. Volkin, Eric J. Deeds

PII: S0022-3549(17)30510-5

DOI: 10.1016/j.xphs.2017.07.013

Reference: XPHS 878

To appear in: Journal of Pharmaceutical Sciences

Received Date: 28 March 2017

Revised Date: 12 July 2017

Accepted Date: 18 July 2017

Please cite this article as: Nariya MK, Kim JH, Xiong J, Kleindl PA, Hewarathna A, Fisher AC, Joshi SB, Schöneich C, Forrest ML, Middaugh CR, Volkin DB, Deeds EJ, Comparative Characterization of Crofelemer Samples using Data Mining and Machine Learning Approaches with Analytical Stability Data Sets, *Journal of Pharmaceutical Sciences* (2017), doi: 10.1016/j.xphs.2017.07.013.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Comparative Characterization of Crofelemer Samples using Data Mining and

Machine Learning Approaches with Analytical Stability Data Sets

Maulik K. Nariya¹, Jae Hyun Kim², Jian Xiong^{2,3}, Peter A. Kleindl², Asha Hewarathna², Adam C. Fisher⁴, Sangeeta B. Joshi^{2,3}, Christian Schöneich², M. Laird Forrest², C. Russell Middaugh^{2,3}, David B. Volkin^{2,3}, Eric J. Deeds^{5,6,7}

¹Department of Physics, University of Kansas, Lawrence, KS

²Department of Pharmaceutical Chemistry, University of Kansas, Lawrence, KS

³Macromolecule and Vaccine Stabilization Center, University of Kansas, Lawrence, KS

⁴Center for Drug Evaluation and Research, Office of Pharmaceutical Quality, U.S. Food and Drug Administration. The views expressed in this publication by the authors do not necessarily reflect the views or policies of the Food and Drug Administration (FDA).

⁵Department of Molecular Biosciences, University of Kansas, Lawrence, KS

⁶Center for Computational Biology, University of Kansas, Lawrence, KS

⁷Santa Fe Institute, Santa Fe, NM

Correspondence to Authors

Eric J. Deeds: email: <u>deeds@ku.edu</u>; phone: +1 (785) 864 1057

Running Title: Comparative characterization using data mining and machine learning

Keywords: Crofelemer, comparative characterization, data mining, supervised learning

دريافت فورى 🛶 متن كامل مقاله

- امکان دانلود نسخه تمام متن مقالات انگلیسی
 امکان دانلود نسخه ترجمه شده مقالات
 پذیرش سفارش ترجمه تخصصی
 امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
 امکان دانلود رایگان ۲ صفحه اول هر مقاله
 امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
 دانلود فوری مقاله پس از پرداخت آنلاین
 پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات
- ISIArticles مرجع مقالات تخصصی ایران