Accepted Manuscript

Molecular dynamics of amorphous sulfamethazine with structurally related sulfonamide impurities evaluated using thermal analysis

Yoshito Hamada, Makoto Ono, Motomu Ohara, Etsuo Yonemochi

PII: S0022-3549(16)41897-6

DOI: 10.1016/j.xphs.2016.12.008

Reference: XPHS 585

To appear in: *Journal of Pharmaceutical Sciences*

Received Date: 19 September 2016

Revised Date: 22 November 2016

Accepted Date: 2 December 2016

Please cite this article as: Hamada Y, Ono M, Ohara M, Yonemochi E, Molecular dynamics of amorphous sulfamethazine with structurally related sulfonamide impurities evaluated using thermal analysis, *Journal of Pharmaceutical Sciences* (2017), doi: 10.1016/j.xphs.2016.12.008.

Title

Molecular dynamics of amorphous sulfamethazine with structurally related sulfonamide impurities evaluated using thermal analysis

Authors

Yoshito Hamada,[1,2*] Makoto Ono,[1] Motomu Ohara,[1] Etsuo Yonemochi[2]

[1] Analytical and Quality Evaluation Research Laboratories, Daiichi Sankyo Co., Ltd., 1-2-58 Hiromachi, Shinagawa-ku, Tokyo, 140-8710, Japan

[2] Graduate School of Pharmaceutical Sciences, Hoshi University, 2-4-41 Ebara, Shinagawa-ku, Tokyo, 142-8501, Japan

* Corresponding author

E-mail address: hamada.yoshito.tc@daiichisankyo.co.jp

Submission: Journal of Pharmaceutical Science

Subject categories: Pharmaceutics, Drug Delivery and Pharmaceutical Technology

Type of article: Research Articles