Accepted Manuscript

Title: Pharmacodynamics of cefiderocol, a novel siderophore cephalosporin, explored in a *pseudomonas aeruginosa* neutropenic murine thigh model

Author: Islam M. Ghazi, Marguerite L. Monogue, Masakatsu Tsuji, David P. Nicolau

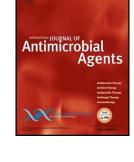
PII: S0924-8579(17)30372-2

DOI: https://doi.org/doi:10.1016/j.ijantimicag.2017.10.008

Reference: ANTAGE 5281

To appear in: International Journal of Antimicrobial Agents

Received date: 15-3-2017 Accepted date: 14-10-2017



Please cite this article as: Islam M. Ghazi, Marguerite L. Monogue, Masakatsu Tsuji, David P. Nicolau, Pharmacodynamics of cefiderocol, a novel siderophore cephalosporin, explored in a *pseudomonas aeruginosa* neutropenic murine thigh model, *International Journal of Antimicrobial Agents* (2017), https://doi.org/doi:10.1016/j.ijantimicag.2017.10.008.

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.

ACCEPTED MANUSCRIPT

Version Date: 10-10-17

IJAA-D-17-00266R2

Pharmacodynamics of Cefiderocol, a Novel Siderophore Cephalosporin, Explored in a *Pseudomonas aeruginosa* Neutropenic Murine Thigh Model*

Islam M Ghazi^{1,*}, Marguerite L Monogue¹, Masakatsu Tsuji², David P Nicolau^{1,3,#}

¹Center for Anti-Infective Research and Development, Hartford Hospital, Hartford, CT

³Division of Infectious Diseases, Hartford Hospital, Hartford, CT

²Drug Discovery & Disease Research Laboratory, Shionogi & Co., LTD, Osaka, Japan

* Corresponding Author:

David P. Nicolau, PharmD, FCCP, FIDSA

Center for Anti-infective Research and Development, Hartford Hospital

80 Seymour Street, Hartford, CT, USA 06102

Tel: 860-972-3941; Fax: 860-545-3992; Email: david.nicolau@hhchealth.org

* Permanent address,

Islam Ghazi, PharmD, M.Sc., BCPS, BCACP

Philadelphia College of Pharmacy, University of the Science

600 S 43rd St., Philadelphia, PA, USA 19104

Tel: 215-596-7121; Fax: 215-596-8586; Email: i.ghazi@usciences.edu

Keywords: cefiderocol, iron binding, dose ranging, in vivo

Running title: Pharmacodynamics of cefiderocol compound

Download English Version:

https://daneshyari.com/en/article/8738663

Download Persian Version:

https://daneshyari.com/article/8738663

<u>Daneshyari.com</u>