

Accepted Manuscript

Investigating the effects of amphipathic gastrointestinal compounds on the solution behaviour of salt and free base forms of clofazimine: an *in vitro* evaluation

Pauric Bannigan, Killian Stokes, Ajay Kumar, Conor Madden, Sarah P. Hudson

PII: S0378-5173(18)30663-X
DOI: <https://doi.org/10.1016/j.ijpharm.2018.09.012>
Reference: IJP 17760

To appear in: *International Journal of Pharmaceutics*

Received Date: 13 June 2018
Revised Date: 6 September 2018
Accepted Date: 7 September 2018

Please cite this article as: P. Bannigan, K. Stokes, A. Kumar, C. Madden, S.P. Hudson, Investigating the effects of amphipathic gastrointestinal compounds on the solution behaviour of salt and free base forms of clofazimine: an *in vitro* evaluation, *International Journal of Pharmaceutics* (2018), doi: <https://doi.org/10.1016/j.ijpharm.2018.09.012>

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.



Investigating the effects of amphipathic
gastrointestinal compounds on the solution
behaviour of salt and free base forms of clofazimine:
an *in vitro* evaluation

Pauric Bannigan^{a,b}, Killian Stokes^a, Ajay Kumar^{a,b}, Conor Madden^{a,b} and Sarah P. Hudson^{a,b}*

^aDepartment of Chemical Sciences, University of Limerick, Castletroy, Co. Limerick, Ireland.

^bSynthesis and Solid State Pharmaceutical Centre, Bernal Institute, University of Limerick, Castletroy, Co. Limerick, Ireland.

Keywords: pharmacokinetics, oral drug delivery, gastrointestinal solubility, poorly water soluble drugs, clofazimine

* Corresponding author

Email addresses: pauric.bannigan@ul.ie (P. Bannigan), killian.stokes@ul.ie (K. Stokes), ajay.kumar@ul.ie (A. Kumar), 13148753@studentmail.ul.ie (C. Madden), sarah.hudson@ul.ie (S. P. Hudson).

Download English Version:

<https://daneshyari.com/en/article/11023144>

Download Persian Version:

<https://daneshyari.com/article/11023144>

[Daneshyari.com](https://daneshyari.com)