

Accepted Manuscript

Developing a Flexible Pediatric Dosage Form for Antiretroviral Therapy: A Fast-Dissolving Tablet

Manjari Lal, Manshun Lai, Marcus Estrada, Changcheng Zhu



PII: S0022-3549(17)30357-X

DOI: [10.1016/j.xphs.2017.05.004](https://doi.org/10.1016/j.xphs.2017.05.004)

Reference: XPHS 806

To appear in: *Journal of Pharmaceutical Sciences*

Received Date: 10 January 2017

Revised Date: 20 April 2017

Accepted Date: 1 May 2017

Please cite this article as: Lal M, Lai M, Estrada M, Zhu C, Developing a Flexible Pediatric Dosage Form for Antiretroviral Therapy: A Fast-Dissolving Tablet, *Journal of Pharmaceutical Sciences* (2017), doi: 10.1016/j.xphs.2017.05.004.

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.

1 **Developing a Flexible Pediatric Dosage Form for Antiretroviral**
2 **Therapy: A Fast-Dissolving Tablet**

3

4 Manjari Lal^{1*}, Manshun Lai¹, Marcus Estrada¹, Changcheng Zhu¹

5

6 ¹ PATH, PO Box 900922, Seattle, WA 98121 USA

7 E-mail addresses: mlal@path.org (M. Lal), mlai@path.org (M. Lai), mestrada@path.org (M. Estrada),
8 czhu@path.org (C. Zhu)

9 * Correspondence to:

10 Tel.: (206) 285-3500; fax: (206) 285-6619

11 E-mail address: mlal@path.org

12

13 Keywords: drug delivery systems, freeze-drying/lyophilization, HIV/AIDS, micelle, pediatric, solid-dosage
14 form, tablet.

15 Abbreviations used: ARV, antiretroviral; CMC, carboxymethyl cellulose; FDT, fast-dissolving tablet; HPLC,
16 high-performance liquid chromatography; LPV/r, fixed-dose combination of lopinavir and ritonavir; ODT,
17 orally disintegrating tablet; RH, relative humidity; USFDA, US Food and Drug Administration; WHO, World
18 Health Organization.

19

Download English Version:

<https://daneshyari.com/en/article/8514017>

Download Persian Version:

<https://daneshyari.com/article/8514017>

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