

Accepted Manuscript

Formulation of 3D Printed Tablet for Rapid Drug Release by Fused Deposition Modeling (FDM): Screening Polymers for Drug Release, Drug-Polymer Miscibility and Printability

Nayan Solanki, Md Tahsin, Ankita Shah, Abu T.M. Serajuddin

PII: S0022-3549(17)30719-0

DOI: [10.1016/j.xphs.2017.10.021](https://doi.org/10.1016/j.xphs.2017.10.021)

Reference: XPHS 969

To appear in: *Journal of Pharmaceutical Sciences*

Received Date: 16 August 2017

Revised Date: 26 September 2017

Accepted Date: 13 October 2017

Please cite this article as: Solanki N, Tahsin M, Shah A, Serajuddin ATM, Formulation of 3D Printed Tablet for Rapid Drug Release by Fused Deposition Modeling (FDM): Screening Polymers for Drug Release, Drug-Polymer Miscibility and Printability, *Journal of Pharmaceutical Sciences* (2017), doi: 10.1016/j.xphs.2017.10.021.

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.



Formulation of 3D Printed Tablet for Rapid Drug Release by Fused Deposition Modeling (FDM): Screening Polymers for Drug Release, Drug-Polymer Miscibility and Printability

Nayan Solanki, Md Tahsin, Ankita Shah, Abu T.M. Serajuddin*

College of Pharmacy and Health Sciences, Department of Pharmaceutical Sciences, St. John's University, 8000 Utopia Parkway, Queens, NY 11439

*Correspondence: Abu T. M. Serajuddin (Telephone: +1 718 990 7822; Fax: +1 718 990-1877; E-mail: serajuda@stjohns.edu)

Download English Version:

<https://daneshyari.com/en/article/8513647>

Download Persian Version:

<https://daneshyari.com/article/8513647>

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