Accepted Manuscript

Synthesis and *in vitro* antiviral evaluation of 4-substituted 3,4-dihydropyrimidinones

Dhanabal Kumarasamy, Biswajit Gopal Roy, Joana Rocha-Pereira, Johan Neyts, Satheeshkumar Nanjappan, Subhasis Maity, Musfiqua Mookerjee, Lieve Naesens

PII: S0960-894X(16)31277-X

DOI: http://dx.doi.org/10.1016/j.bmcl.2016.12.010

Reference: BMCL 24499

To appear in: Bioorganic & Medicinal Chemistry Letters

Received Date: 22 May 2016
Revised Date: 8 November 2016
Accepted Date: 2 December 2016



Please cite this article as: Kumarasamy, D., Roy, B.G., Rocha-Pereira, J., Neyts, J., Nanjappan, S., Maity, S., Mookerjee, M., Naesens, L., Synthesis and *in vitro* antiviral evaluation of 4-substituted 3,4-dihydropyrimidinones, *Bioorganic & Medicinal Chemistry Letters* (2016), doi: http://dx.doi.org/10.1016/j.bmcl.2016.12.010

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

Synthesis and *in vitro* antiviral evaluation of 4-substituted 3,4-dihydropyrimidinones

Dhanabal Kumarasamy^{a,*}, Biswajit Gopal Roy^b, Joana Rocha-Pereira^c, Johan Neyts^c, Satheeshkumar Nanjappan^d, Subhasis Maity^a, Musfiqua Mookerjee^a, and Lieve Naesens^c

Keywords: Dihydropyrimidinones, DHPM, Antiviral activity, Cytotoxicity, Bunyavirus

^a Department of Pharmaceutical Chemistry, NSHM College of Pharmaceutical Technology, 124, B.L Saha Road, Kolkata 700053, India

^b Department of Chemistry, School of Physical Sciences, Sikkim University, 6th Mile, Tadong, Gangtok, Sikkim 737102, India

^c Laboratory of Virology and Chemotherapy, Rega Institute for Medical Research, KU Leuven, Minderbroedersstraat 10, Leuven 3000, Belgium

^d Department of Pharmaceutical Analysis, National Institute of Pharmaceutical Education and Research [NIPER-H], Balanagar, Hyderabad 500037, India

^{*} Corresponding author, Tel.: +91-33-24032300; fax: +91-33-24032301; **E-mail: dhanabalrx@gmail.com**

Download English Version:

https://daneshyari.com/en/article/515585

Download Persian Version:

https://daneshyari.com/article/5155585

<u>Daneshyari.com</u>