Accepted Manuscript

Identification of 2,4-dihydroxy-5-pyrimidinyl imidothiocarbomate as a novel inhibitor to Y box binding protein-1 (YB-1) and its therapeutic actions against breast cancer

European journal of

PHARMACEUTICAL
SCIENCES

NEWFORM PROFESSIONAL PRO

Vinoth Prasanna Gunasekaran, Kumari Nishi, Dakshinamurthy Sivakumar, Thirunavukkarasu Sivaraman, Ganeshan Mathan

PII: S0928-0987(17)30511-0

DOI: doi: 10.1016/j.ejps.2017.09.019

Reference: PHASCI 4213

To appear in: European Journal of Pharmaceutical Sciences

Received date: 23 April 2017 Revised date: 14 August 2017 Accepted date: 11 September 2017

Please cite this article as: Vinoth Prasanna Gunasekaran, Kumari Nishi, Dakshinamurthy Sivakumar, Thirunavukkarasu Sivaraman, Ganeshan Mathan, Identification of 2,4-dihydroxy-5-pyrimidinyl imidothiocarbomate as a novel inhibitor to Y box binding protein-1 (YB-1) and its therapeutic actions against breast cancer, *European Journal of Pharmaceutical Sciences* (2017), doi: 10.1016/j.ejps.2017.09.019

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

Identification of 2, 4-dihydroxy-5-pyrimidinyl imidothiocarbomate as a novel inhibitor to Y box binding protein-1 (YB-1) and its therapeutic actions against breast cancer

Vinoth Prasanna Gunasekaran¹, Kumari Nishi¹, Dakshinamurthy Sivakumar²,

Thirunavukkarasu Sivaraman²*,Ganeshan Mathan¹*

¹-Department of Biomedical Science, Bharathidasan University, Tiruchirappalli-620024, Tamil Nadu, India.

²- Department of Biotechnology, Karpagam University, Coimbatore – 641021, Tamil Nadu, India.

Corresponding authors: Ganeshan Mathan and Thirunavukkarasu Sivaraman (equally contributed)

*Corresponding Authors:

Dr. Ganeshan Mathan

Assistant Professor,

Department of Biomedical Science,

School of Basic Medical Sciences,

Bharathidasan University, Tiruchirapalli,

India, 620024.

Mob. No.: +91-9940823271

E.mail:mathan@bdu.ac.in

Dr. Thirunavukkarasu Sivaraman

Professor, Department of Biotechnology,

Karpagam University,

Coimbatore – 641021,

Tamil Nadu, India.Mob. No: +91-9677485748

Email: thirunavukarasusivaraman@kahedu.edu.in

Vinoth Prasanna Gunasekaran - vinothprasannagm@gmail.com

Kumari Nishi - nishikapilpau@gmail.com

Dakshinamurthy Sivakumar - sivabioinfo@gmail.com