Accepted Manuscript

Polysubstituted 2-aminoimidazoles as anti-biofilm and antiproliferative agents: Discovery of potent lead

Rupinder Kaur Gill, Virender Kumar, Stijn C.A. Robijns, Hans P.L. Steenackers, Erik V. Van der Eycken, Jitender Bariwal

PII: S0223-5234(17)30488-9

DOI: 10.1016/j.ejmech.2017.06.043

Reference: EJMECH 9538

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 2 March 2017

Revised Date: 26 May 2017

Accepted Date: 23 June 2017

Please cite this article as: R.K. Gill, V. Kumar, S.C.A. Robijns, H.P.L. Steenackers, E.V. Van der Eycken, J. Bariwal, Polysubstituted 2-aminoimidazoles as anti-biofilm and antiproliferative agents: Discovery of potent lead, *European Journal of Medicinal Chemistry* (2017), doi: 10.1016/j.ejmech.2017.06.043.

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

Polysubstituted 2-Aminoimidazoles as Anti-Biofilm and Antiproliferative Agents: Discovery of Potent Lead

Rupinder Kaur Gill[a,b], Virender Kumar[c], Stijn C.A. Robijns[d], Hans P. L. Steenackers[d], Erik V. Van der Eycken[e,f*] Jitender Bariwal[a,g*]

[a]*Department of Pharmaceutical Chemistry, ISF College of Pharmacy, Moga-142001, Punjab, India*

[b]*Department of Pharmaceutical Sciences, Guru Nanak Dev University, Amritsar-143 005, Punjab, India*

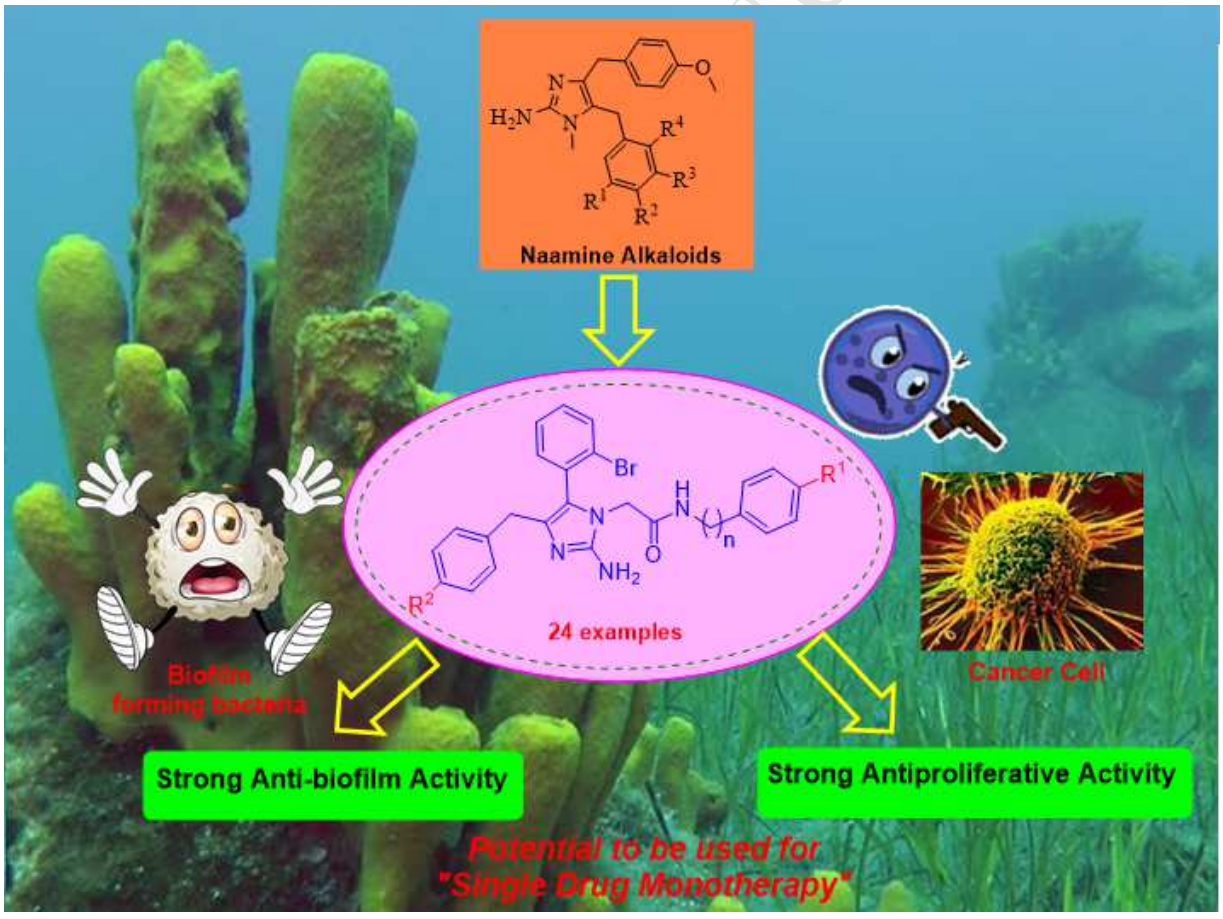
[c]*Department of Pharmaceutical Sciences, University of Nebraska Medical Centre, Omaha, Nebraska, USA, 68198*

[d]*Centre of Microbial and Plant Genetics, KU Leuven, Kasteelpark Arenberg 20, 3001 Leuven, Belgium*

[e]*Laboratory for Organic and Microwave-Assisted Chemistry (LOMAC), University of Leuven (KU Leuven), Celestijnenlaan 200F, 3001 Leuven, Belgium*

[f]*Peoples Friendship University of Russia (RUDN University) 6 Miklukho-Maklaya street, Moscow, 117198, Russia*

[g]*Shiva Institute of B. Pharmacy, Chandpur-174004, Bilaspur, Himachal Pradesh, India*



Download English Version:

https://daneshyari.com/en/article/5158707

Download Persian Version:

https://daneshyari.com/article/5158707

Daneshyari.com