Accepted Manuscript

New thiazolyl-coumarin hybrids: Design, synthesis, characterization, X-ray crystal structure, antibacterial and antiviral evaluation

Hasnah Osman, Samina Khan Yusufzai, Mohammad Shaheen Khan, Basma M. Abd Razik, Othman Sulaiman, Suriyati Mohamad, Jualang Azlan Gansau, Mohammed Oady Ezzat, Thaigarajan Parumasivam, Mohd Zaheen Hassan

PII: S0022-2860(18)30468-X

DOI: 10.1016/j.molstruc.2018.04.031

Reference: MOLSTR 25104

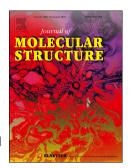
To appear in: Journal of Molecular Structure

Received Date: 27 January 2018

Revised Date: 3 April 2018 Accepted Date: 9 April 2018

Please cite this article as: H. Osman, S.K. Yusufzai, M.S. Khan, B.M. Abd Razik, O. Sulaiman, S. Mohamad, J.A. Gansau, M.O. Ezzat, T. Parumasivam, M.Z. Hassan, New thiazolyl-coumarin hybrids: Design, synthesis, characterization, X-ray crystal structure, antibacterial and antiviral evaluation, *Journal of Molecular Structure* (2018), doi: 10.1016/j.molstruc.2018.04.031.

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

New thiazolyl-coumarin hybrids: Design, synthesis, characterization, X-ray crystal structure antibacterial and antiviral evaluation

Hasnah Osman^{a,*}, Samina Khan Yusufzai^a, Mohammad Shaheen Khan^b, Basma M. Abd Razik^c, Othman Sulaiman^d, Suriyati Mohamad^e, Jualang Azlan Gansau^b, Mohammed Oady Ezzat^f, Thaigarajan Parumasivam^g Mohd. Zaheen Hassan^h

^aSchool of Chemical Sciences, Universiti Sains Malaysia, Minden, Penang, Malaysia, 11800.

^bFaculty of Science and Natural Resources, Universiti Malaysia Sabah, Sabah, Malaysia, 88400.

^cCollege of Pharmacy, Al-Mustansiriyah University, Baghdad, Iraq,10001.

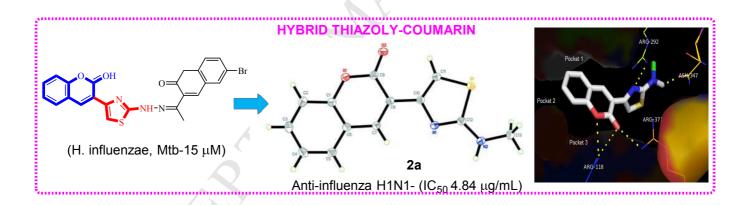
^dSchool of Industrial Technology, Universiti Sains Malaysia, Minden, Penang, Malaysia, 11800.

^eSchool of Biological Sciences, Universiti Sains Malaysia, Minden, Penang, Malaysia, 11800.

^fDepartment of Chemistry, College of Education for Women, University of Anbar, Ramadi, Iraq, 31001.

^gSchool of Pharmaceutical Sciences, Universiti Sains Malaysia, Minden, Penang, Malaysia, 11800.

^hDepartment of Pharmaceutical Chemistry, College of Pharmacy, King Khalid University, PO Box 960, Abha, Kingdom of Saudi Arabia.



Download English Version:

https://daneshyari.com/en/article/7807127

Download Persian Version:

https://daneshyari.com/article/7807127

<u>Daneshyari.com</u>