

Accepted Manuscript

Solution-phase microwave assisted parallel synthesis, biological evaluation and *in silico* docking studies of 2-chlorobenzoyl thioureas derivatives

Muhammad Riaz Khan, Sumera Zaib, Muhammad Khawar Rauf, Masahiro Ebihara, Amin Badshah, Muhammad Zahid, Muhammad Arif Nadeem, Jamshed Iqbal



PII: S0022-2860(18)30345-4

DOI: [10.1016/j.molstruc.2018.03.056](https://doi.org/10.1016/j.molstruc.2018.03.056)

Reference: MOLSTR 24995

To appear in: *Journal of Molecular Structure*

Received Date: 9 October 2017

Revised Date: 8 March 2018

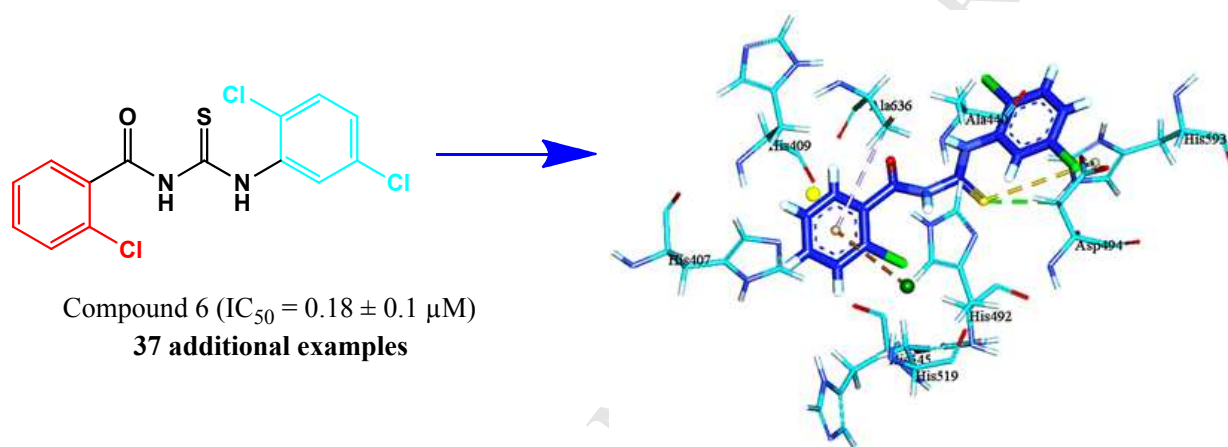
Accepted Date: 14 March 2018

Please cite this article as: M.R. Khan, S. Zaib, M.K. Rauf, M. Ebihara, A. Badshah, M. Zahid, M.A. Nadeem, J. Iqbal, Solution-phase microwave assisted parallel synthesis, biological evaluation and *in silico* docking studies of 2-chlorobenzoyl thioureas derivatives, *Journal of Molecular Structure* (2018), doi: 10.1016/j.molstruc.2018.03.056.

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.

Graphical Abstract**Solution-phase microwave assisted parallel synthesis, biological evaluation and *in silico* docking studies of 2-chlorobenzoyl thioureas derivatives**

Muhammad Riaz Khan, Sumera Zaib, Muhammad Khawar Rauf, Masahiro Ebihara, Amin Badshah, Muhammad Zahid, Muhammad Arif Nadeem, Jamshed Iqbal*



Compound 6 ($IC_{50} = 0.18 \pm 0.1 \mu M$)
37 additional examples

Putative binding mode of 7 bound to the active site of Jack bean urease

Download English Version:

<https://daneshyari.com/en/article/7807500>

Download Persian Version:

<https://daneshyari.com/article/7807500>

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