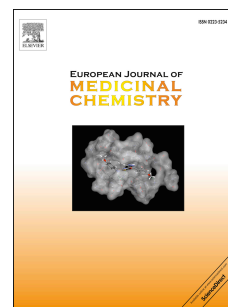


Accepted Manuscript

Identification of novel PTP1B inhibitors by pharmacophore based virtual screening, scaffold hopping and docking

Vishal M. Balaramnavar, Rohit Srivastava, Neha Rahuja, Swati Gupta, Arun K. Rawat, Salil Varshney, Hardik Chandasana, Yashpal S. Chhonker, Pawan Kumar Doharey, Santosh Kumar, Sudeep Gautam, Swayam Prakash Srivastava, Rabi Sankar Bhatta, Jitendra Kumar Saxena, Anil Nilkanth Gaikwad, Arvind K. Srivastava, Anil K. Saxena



PII: S0223-5234(14)00925-8

DOI: [10.1016/j.ejmech.2014.09.097](https://doi.org/10.1016/j.ejmech.2014.09.097)

Reference: EJMECH 7405

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 1 May 2014

Revised Date: 3 September 2014

Accepted Date: 30 September 2014

Please cite this article as: V.M. Balaramnavar, R. Srivastava, N. Rahuja, S. Gupta, A.K. Rawat, S. Varshney, H. Chandasana, Y.S. Chhonker, P.K. Doharey, S. Kumar, S. Gautam, S.P. Srivastava, R.S. Bhatta, J.K. Saxena, A.N. Gaikwad, A.K. Srivastava, A.K. Saxena, Identification of novel PTP1B inhibitors by pharmacophore based virtual screening, scaffold hopping and docking, *European Journal of Medicinal Chemistry* (2014), doi: 10.1016/j.ejmech.2014.09.097.

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.

Identification of Novel PTP1B Inhibitors by Pharmacophore Based Virtual Screening, Scaffold Hopping and Docking

Vishal M. Balaramnavar,^{\$ †} Rohit Srivastava,^{\$ ‡} Neha Rahuja,[‡] Swati Gupta,[†] Arun K. Rawat,[‡] Salil Varshney,^ψ Hardik Chandasana,^ξ Yashpal S. Chhonker,^ξ Pawan Kumar Doharey,[‡] Santosh Kumar,[†] Sudeep Gautam,[‡] Swayam Prakash Srivastava,[‡] Rabi Sankar Bhatta,^ξ Jitendra Kumar Saxena,[‡] Anil Nilkanth Gaikwad,^ψ Arvind K. Srivastava[‡] and Anil K. Saxena^{†,*}

[†]Division of Medicinal and Process Chemistry CSIR-Central Drug Research Institute, [‡]Division of Biochemistry, Central Drug Research Institute, CSIR, ^ψDivision of Pharmacology, CSIR-Central Drug Research Institute, ^ξ Pharmacokinetics and Metabolism division, CSIR-Central Drug Research Institute, Jankipuram Extension, Lucknow-226021 UP India. ^{\$}These authors have contributed equally.

Download English Version:

<https://daneshyari.com/en/article/7800566>

Download Persian Version:

<https://daneshyari.com/article/7800566>

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