

Accepted Manuscript

Cardiac action of the first G protein biased small molecule apelin agonist

Cai Read, Christopher M. Fitzpatrick, Peiran Yang, Rhoda E. Kuc, Janet J. Maguire, Robert C. Glen, Richard E. Foster, Anthony P. Davenport

PII: S0006-2952(16)30195-2
DOI: <http://dx.doi.org/10.1016/j.bcp.2016.07.018>
Reference: BCP 12598

To appear in: *Biochemical Pharmacology*

Received Date: 26 May 2016
Accepted Date: 25 July 2016

Please cite this article as: C. Read, C.M. Fitzpatrick, P. Yang, R.E. Kuc, J.J. Maguire, R.C. Glen, R.E. Foster, A.P. Davenport, Cardiac action of the first G protein biased small molecule apelin agonist, *Biochemical Pharmacology* (2016), doi: <http://dx.doi.org/10.1016/j.bcp.2016.07.018>



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.

Cardiac action of the first G protein biased small molecule apelin agonist

Running title: Biased Small Molecule Apelin Agonist

Cai Read^{a*}, Christopher M. Fitzpatrick^{b*}, Peiran Yang^{a*}, Rhoda E. Kuc^a, Janet J. Maguire^{a†}, Robert C. Glen^{c, d†}, Richard E. Foster^{b†}, Anthony P. Davenport^{a†}

*These authors contributed equally

†These authors were joint principal investigators

^aExperimental Medicine and Immunotherapeutics, Addenbrooke's Hospital,
University of Cambridge

^bSchool of Chemistry and Astbury Centre for Structural Biology, University of Leeds

^cCentre for Molecular Informatics, Department of Chemistry, University of Cambridge

^dBiomolecular Medicine, Department of Surgery and Cancer, Imperial College
London, London, UK

Author for Correspondence

Dr Anthony P Davenport

Tel: 01223 336899

Experimental Medicine and Immunotherapeutics

Fax: 01223 762576

Level 6 Centre for Clinical investigation

Box 110 Addenbrooke's Hospital

Cambridge, CB2 0QQ, UK

Email: apd10@medschl.cam.ac.uk

Download English Version:

<https://daneshyari.com/en/article/5823061>

Download Persian Version:

<https://daneshyari.com/article/5823061>

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