

Accepted Manuscript

Identification of highly potent and selective PI3K δ inhibitors

David Marcoux, Lan-Ying Qin, Zheming Ruan, Qing Shi, Qian Ruan, Carolyn Weigelt, Hongchen Qiu, Gary Schieven, John Hynes, Rajeev Bhide, Michael Poss, Joseph Tino

PII: S0960-894X(17)30089-6
DOI: <http://dx.doi.org/10.1016/j.bmcl.2017.01.077>
Reference: BMCL 24653

To appear in: *Bioorganic & Medicinal Chemistry Letters*

Received Date: 5 January 2017
Revised Date: 23 January 2017
Accepted Date: 25 January 2017

Please cite this article as: Marcoux, D., Qin, L-Y., Ruan, Z., Shi, Q., Ruan, Q., Weigelt, C., Qiu, H., Schieven, G., Hynes, J., Bhide, R., Poss, M., Tino, J., Identification of highly potent and selective PI3K δ inhibitors, *Bioorganic & Medicinal Chemistry Letters* (2017), doi: <http://dx.doi.org/10.1016/j.bmcl.2017.01.077>

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.



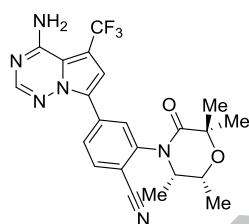
Graphical Abstract

To create your abstract, type over the instructions in the template box below.
Fonts or abstract dimensions should not be changed or altered.

**Identification of highly potent and selective
PI3K δ inhibitors**

Leave this area blank for abstract info.

David Marcoux*, Lan-Ying Qin, Zheming Ruan, Qing Shi, Qian Ruan, Carolyn Weigelt, Hongchen Qiu, Gary Schieven, Hao Lu, Jonathan Lippy, John Hynes, Rajeev Bhide, Michael Poss, Joseph Tino



PI3K δ IC₅₀ <0.2 nM

Selectivity

PI3K γ >1000x

PI3K α >1000x

PI3K β >1000x

hWB IFN γ X IC₅₀ = 20 nM

hWB CD69 IC₅₀ = 7 nM

Download English Version:

<https://daneshyari.com/en/article/5156154>

Download Persian Version:

<https://daneshyari.com/article/5156154>

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