

Accepted Manuscript

Design, syntheses, and anti-tuberculosis activities of conjugates of piperazino-1,3-benzothiazin-4-ones (pBTZs) with 2,7-dimethylimidazo [1,2-a]pyridine-3-carboxylic acids and 7-phenylacetyl cephalosporins

Mark W. Majewski, Rohit Tiwari, Patricia A. Miller, Sanghyun Cho, Scott G. Franzblau, Marvin J. Miller

PII: S0960-894X(16)30197-4
DOI: <http://dx.doi.org/10.1016/j.bmcl.2016.02.076>
Reference: BMCL 23630

To appear in: *Bioorganic & Medicinal Chemistry Letters*

Received Date: 17 December 2015
Revised Date: 23 February 2016
Accepted Date: 24 February 2016

Please cite this article as: Majewski, M.W., Tiwari, R., Miller, P.A., Cho, S., Franzblau, S.G., Miller, M.J., Design, syntheses, and anti-tuberculosis activities of conjugates of piperazino-1,3-benzothiazin-4-ones (pBTZs) with 2,7-dimethylimidazo [1,2-a]pyridine-3-carboxylic acids and 7-phenylacetyl cephalosporins, *Bioorganic & Medicinal Chemistry Letters* (2016), doi: <http://dx.doi.org/10.1016/j.bmcl.2016.02.076>

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.

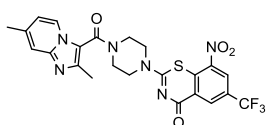


Graphical Abstract

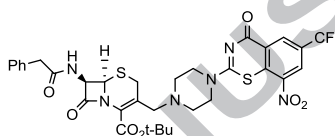
To create your abstract, type over the instructions in the template box below.
Fonts or abstract dimensions should not be changed or altered.

Design, syntheses, and anti-tuberculosis activities of conjugates of piperazino-1,3-benzothiazin-4-ones (pBTZs) with 2,7-dimethylimidazo [1,2-a]pyridine-3-carboxylic acids and 7-phenylacetyl cephalosporins.

Mark W. Majewski,^{‡a} Rohit Tiwari,^{‡a,c} Patricia A. Miller,^a Sanghyun Cho,^b Scott G. Franzblau,^b and Marvin J. Miller^{a*}



MABA MIC (7H12) = 2.10 μ M
MABA MIC (GAS) = 1.43 μ M



MABA MIC (7H12) = 2.03 μ M
MABA MIC (GAS) = 1.51 μ M

Download English Version:

<https://daneshyari.com/en/article/10592080>

Download Persian Version:

<https://daneshyari.com/article/10592080>

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