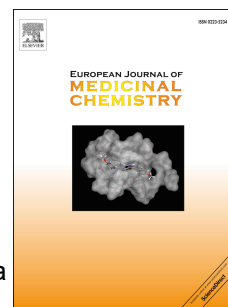


Accepted Manuscript

Combating highly resistant emerging pathogen *Mycobacterium abscessus* and *Mycobacterium tuberculosis* with novel salicylanilide esters and carbamates

Zsuzsa Baranyai, Martin Krátký, Jarmila Vinšová, Nóra Szabó, Zsuzsa Senoner, Kata Horváti, Jiřina Stolaříková, Sándor Dávid, Szilvia Bősze



PII: S0223-5234(15)30133-1

DOI: [10.1016/j.ejmech.2015.07.001](https://doi.org/10.1016/j.ejmech.2015.07.001)

Reference: EJMECH 7982

To appear in: *European Journal of Medicinal Chemistry*

Received Date: 10 March 2015

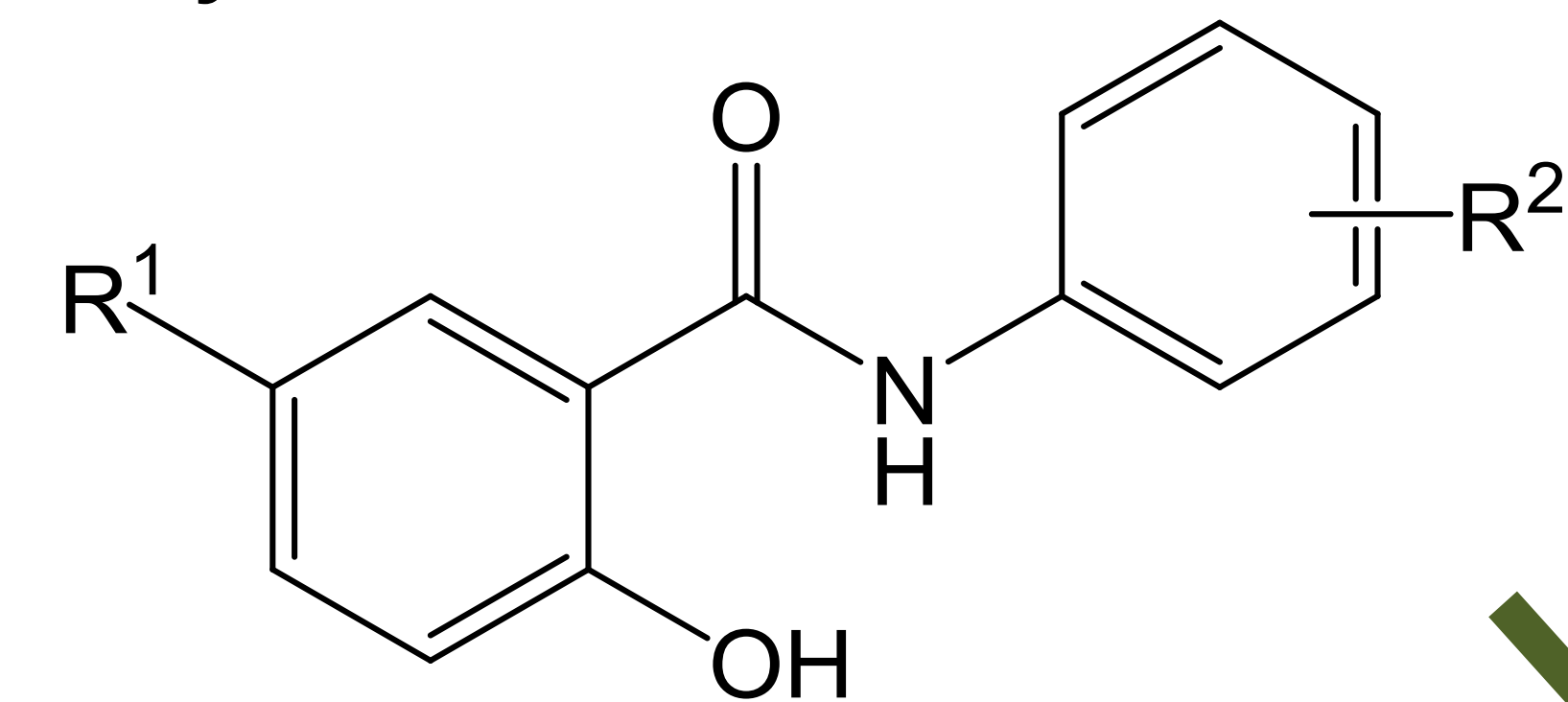
Revised Date: 29 June 2015

Accepted Date: 1 July 2015

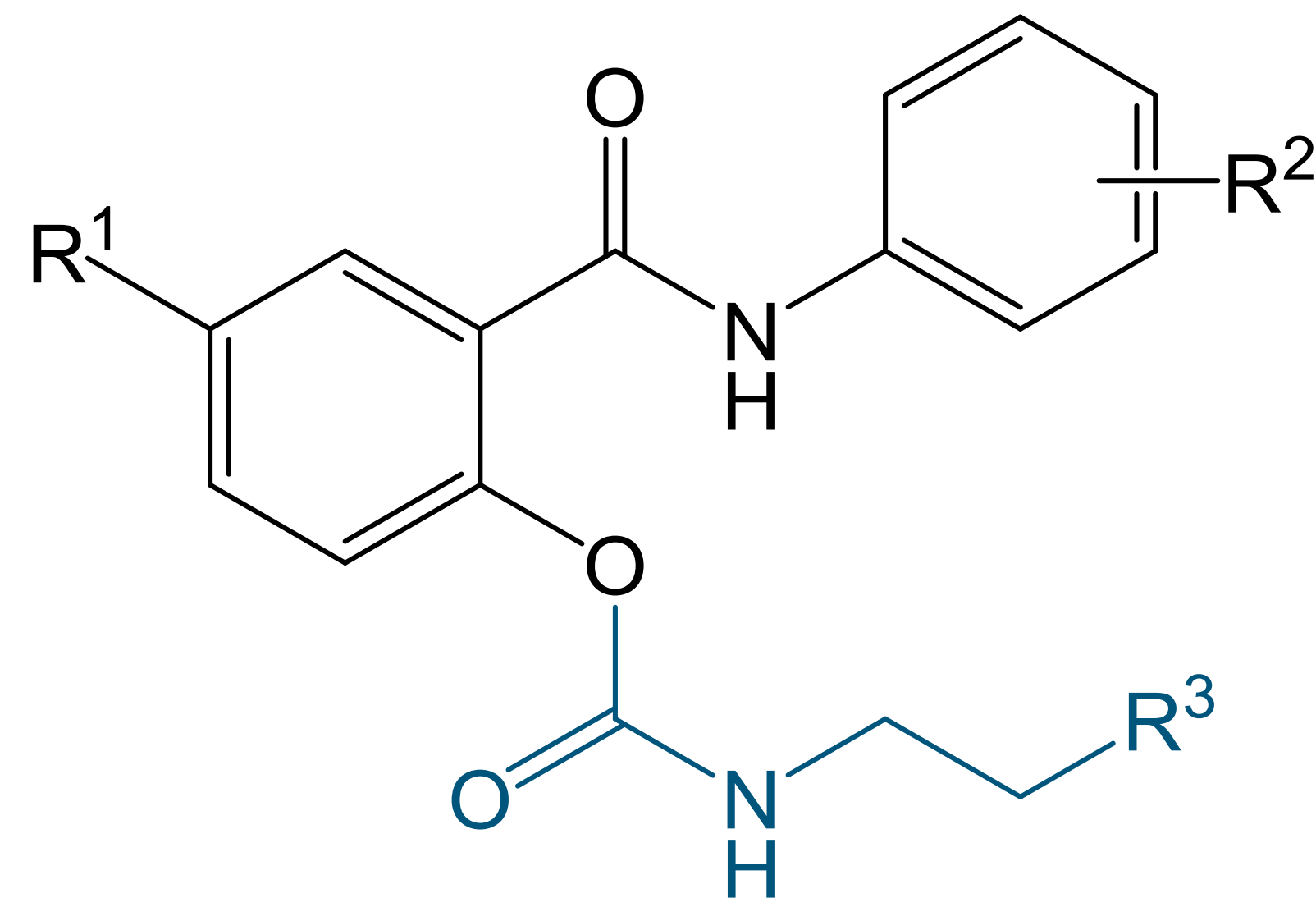
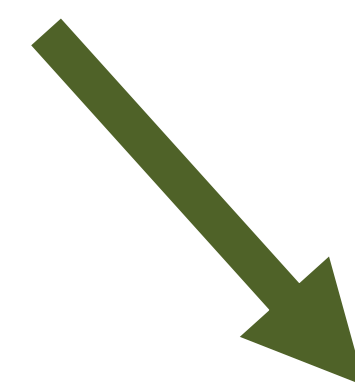
Please cite this article as: Z. Baranyai M. Krátký J. Vinšová N. Szabó Z. Senoner, K. Horváti J. Stolaříková S. Dávid, S. Bősze Combating highly resistant emerging pathogen *Mycobacterium abscessus* and *Mycobacterium tuberculosis* with novel salicylanilide esters and carbamates, *European Journal of Medicinal Chemistry* (2015), doi: 10.1016/j.ejmech.2015.07.001.

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.

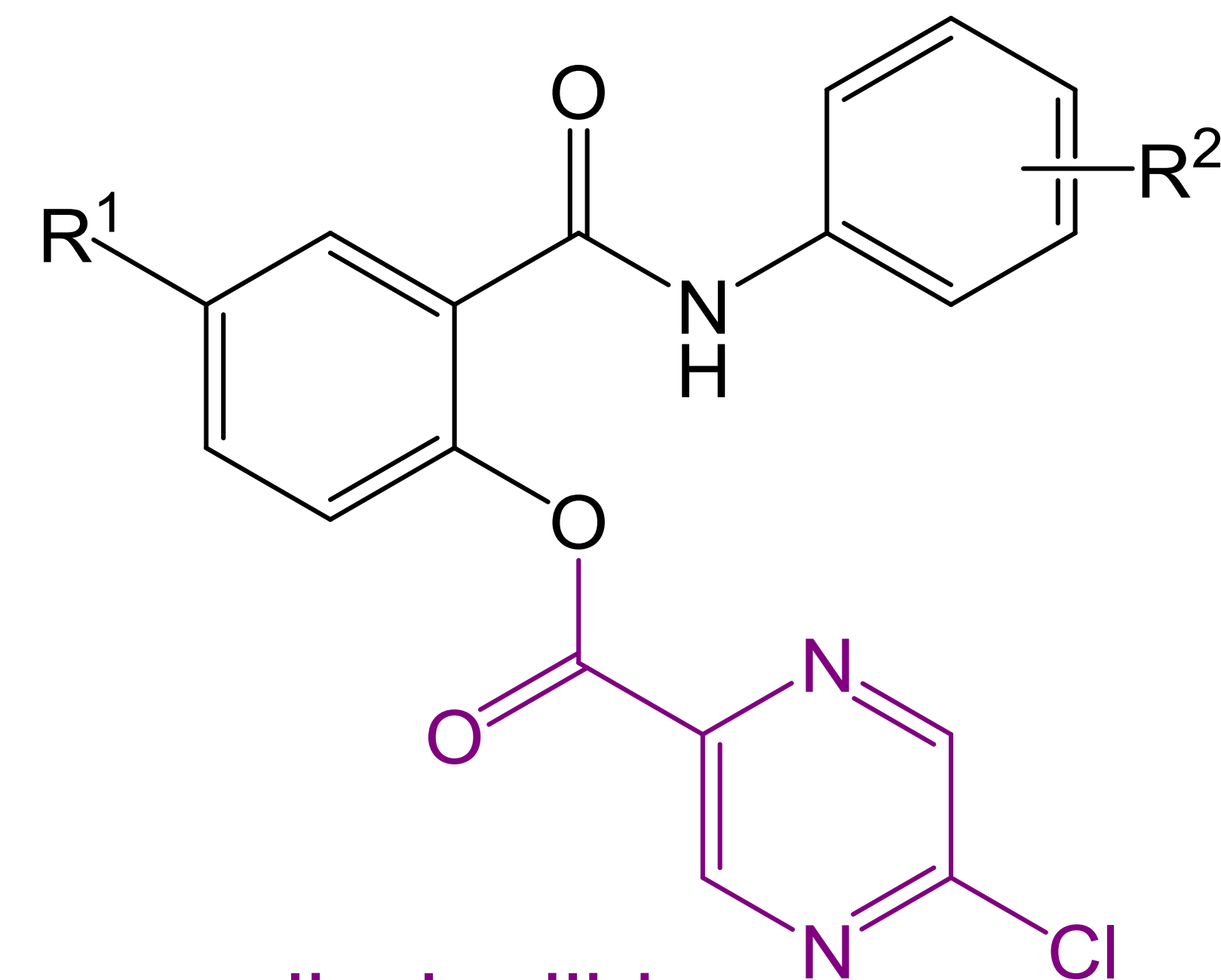
salicylanilides



$R^1 = \text{Cl, Br}$
 $R^2 = 4\text{-CF}_3, 3,4\text{-diCl, } 4\text{-CO-Ph}$
 $R^3 = \text{CH}_3, \text{Cl, CH}_2\text{Cl}$

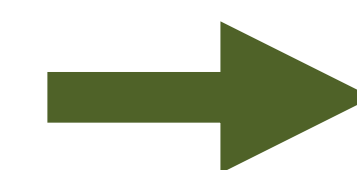


salicylanilide carbamates

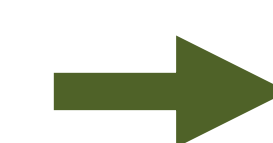


salicylanilide
5-chloropyrazinoates

- *Mycobacterium abscessus*
- *Mycobacterium tuberculosis* H₃₇Rv
- multidrug-resistant *M. tuberculosis* A8 and 9449/2006
- extremely-resistant *M. tuberculosis* Praha 131



minimal inhibitory
concentration
(Sula)



colony forming
unit
(LJ)



in vitro
antimycobacterial
inhibition

Download English Version:

<https://daneshyari.com/en/article/7799449>

Download Persian Version:

<https://daneshyari.com/article/7799449>

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