

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Tuberculosis (TB)	Unknown	<p>A study in cell culture identified two 5-((E)-2-arylethenyl)-3-isoxazolecarboxylic acid alkyl ester derivatives that could help treat TB. In assays of replicating <i>Mycobacterium tuberculosis</i>, the ester derivatives had minimal inhibitory concentrations of 0.59 and 1.1 μM. In mammalian cell culture, neither ester derivative caused toxicity at concentrations up to 128 μM. Next steps include evaluating the compounds in animal models of TB.</p> <p>SciBX 2(38); doi:10.1038/scibx.2009.1444 Published online Oct. 1, 2009</p>	Compounds unpatented; available for licensing	<p>Pieroni, M. <i>et al. J. Med. Chem.</i>; published online Sept. 16, 2009; doi:10.1021/jm900513a</p> <p>Contact: Alan P. Kozikowski, University of Illinois at Chicago, Chicago, Ill. e-mail: kozikowa@uic.edu</p>