

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Tuberculosis (TB)	Not applicable	<i>In vitro</i> and mouse studies suggest that tetrahydroindazole analogs could help treat TB. Synthesis and <i>in vitro</i> testing of over 30 analogs of a tetrahydroindazole scaffold identified 3 lead compounds with low micromolar activity against <i>Mycobacterium tuberculosis</i> and low cytotoxicity. One of the lead compounds had good metabolic stability in mouse liver microsomes and good pharmacokinetics in normal mice. Future studies could include testing the lead compound in animal models of TB.	Patent and licensing status unavailable	Guo, S. <i>et al. J. Med. Chem.</i> ; published online Dec. 10, 2009; doi:10.1021/jm901235p Contact: Alan P. Kozikowski, University of Illinois at Chicago, Chicago, Ill. e-mail: kozikowa@uic.edu
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