

Recent Progress in the Field of Antibacterial Pristinamycins

Eric Bacqué*, Jean-Claude Barrière[§] and Nadine Berthaud

Centre de Recherche de Vitry, Sanofi-Aventis, 13 Quai J. Guesde, 94403, Vitry-sur-Seine Cedex, France

Abstract: The design and optimisation of the second-generation antibacterial oral streptogramin is reported in terms of semi-synthesis, structure-activity relationships, pharmaco-kinetics properties and antibacterial activities. Our endeavours led to the selection of two new combinations **RPR131166/RPR132493** (30/70) and **RPR202868/RPR132552** (30/70) whose antibacterial properties will be reported in detail. The overall profile of the latter association, which is currently undergoing clinical development, suggests that it could be useful for the treatment of community-acquired infections.

Keywords: Antibacterial; streptogramins; pristinamycins; synergy; ribosome; structure-activity relationships; semi-synthesis.

§This publication is dedicated to the memory of our colleague Jean-Claude Barrière.

In *Current Medicinal Chemistry – Anti-Infective Agents* (2005) **4**: 185 – 217

The full paper is available from the journal

Filename: 2005 Curr Med Chem Bacque.doc
Directory: \\novexel.com\root\users\nvx0090\My Documents\NXL103
Publications
Template: C:\Documents and Settings\nvx0090\Application
Data\Microsoft\Templates\Normal.dot
Title:
Subject:
Author: Adminuser
Keywords:
Comments:
Creation Date: 8/27/2009 3:13:00 PM
Change Number: 2
Last Saved On: 8/27/2009 3:13:00 PM
Last Saved By: Adminuser
Total Editing Time: 5 Minutes
Last Printed On: 8/27/2009 6:29:00 PM
As of Last Complete Printing
Number of Pages: 1
Number of Words: 19 (approx.)
Number of Characters: 106 (approx.)