

CARDIAC SARCOLEMMA ATP-SENSITIVE POTASSIUM CHANNEL ANTAGONISTS: NOVEL ISCHEMIA-SELECTIVE ANTIARRHYTHMIC AGENTS

GEORGE E. BILLMAN

*The Ohio State University
Columbus, Ohio*

- 1 INTRODUCTION
- 2 EFFECTS OF MYOCARDIAL ISCHEMIA ON
EXTRACELLULAR POTASSIUM
- 3 EFFECT OF EXTRACELLULAR POTASSIUM ON
VENTRICULAR ARRHYTHMIAS
- 4 EFFECT OF ATP-SENSITIVE POTASSIUM CHANNEL
ANTAGONISTS ON VENTRICULAR ARRHYTHMIAS
Nonselective ATP-Sensitive Potassium Channel Antagonists
Selective ATP-Sensitive Potassium Channel Antagonists
Proarrhythmic Effects of ATP-Sensitive Potassium Channel Agonists
- 5 SUMMARY
References

1 INTRODUCTION

Sudden cardiac death (defined as unexpected death from cardiac causes that occurs within 1 h of the onset of symptoms [1]) remains the leading cause of

Pharmaceutical Sciences Encyclopedia: Drug Discovery, Development, and Manufacturing
Edited by Shayne C. Gad
Copyright © 2010 John Wiley & Sons, Inc.