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Effects of prasugrel on membrane potential and contractile activity of rat ventricular myocytes

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Abstract

Background: Though prasugrel is one of the important $P2Y_{12}$ inhibitors currently in use for antiplatelet therapy, its potential effects on contractility and electrical activity of ventricular myocytes have not yet been investigated. Hence this study was designed to study the impact of prasugrel on contractile function and membrane potential of isolated ventricular myocytes.