

S U M M A R Y

Similarly the comparative study of alpha-adrenoceptor activity of labetalol HCl and phentolamine mesylate denoted clearly that the antagonistic effect of phentolamine mesylate to the alpha-adrenergic receptors was more potent and of more prolonged duration than that to labetalol HCl.

Regarding the antiarrhythmic potency of labetalol HCl, propranolol and phentolamine mesylate against experimentally induced ventricular fibrillation revealed clearly that propranolol HCl is more potent than labetalol HCl and phentolamine mesylate by about 5 and 6 times respectively.