

Novel cycloalkyl compounds useful as inhibitors of potassium channel function (especially inhibitors of the  $K_v$  subfamily of voltage gated  $K^+$  channels, especially inhibitors  $K_v1.5$  which has been linked to the ultra-rapidly activating delayed rectifier  $K^+$  current  $I_{Kur}$ ), methods of using such compounds in the prevention and treatment of arrhythmia and  $I_{Kur}$ -associated conditions, and pharmaceutical compositions containing such compounds.