***Table 1**. Inhibitor potencies measured as IC50 values in a Qpatch electrophysiology assay against the eight different Kv subtypes.*

#	Indole substituents for **5-7**				IC_{50} / nM							
	R^1	R^2	R^3	R^4	$Kv_{1.3}$	$Kv_{1.1}$	$Kv_{1.2}$	$Kv_{1.4}$	$Kv_{1.5}$	$Kv_{1.6}$	$Kv_{1.7}$	$Kv_{1.8}$
1					0.060	0.11	34	>100	>100	3.4	>100	>100
2	-	-	-	-	24.7	119	111	99	75	61	128	175
3a	-	-	-	-	7.9	>50,000	>50,000	33,300	>50,000	50,000	15,500	>50,000
3b	-	-	-	-	19.1	>50,000	>50,000	>50,000	>50,000	45,200	19,100	>50,000
4	-	-	-	-	6.2	>20,000	>20,000	>20,000	NT	NT	>20,000	NT
5	H	H	Cl	Cl	828	>20,000	>20,000	>20,000	>20,000	>20,000	16,900	>20,000
6a	H	H	Cl	Cl	306	>20,000	>20,000	>20,000	>20,000	>20,000	>20,000	>20,000
6b	H	H	H	H	>10,000	NT	NT	NT	NT	NT	NT	NT
6c	CH_3	H	Cl	Cl	>10,000	NT	NT	NT	NT	NT	NT	NT
6d	H	H	F	Cl	6185	NT	NT	NT	NT	NT	NT	NT
6e	H	F	Cl	F	78.4	NT	NT	NT	NT	NT	NT	NT
7	H	F	Cl	F	13.4	>20,000	>20,000	>20,000	>20,000	>20,000	>20,000	>20,000