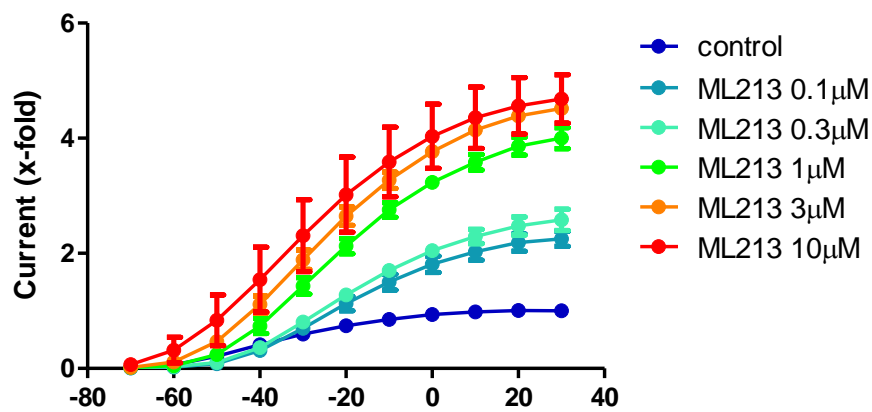


Kv7.4 Cell Line Data Sheet

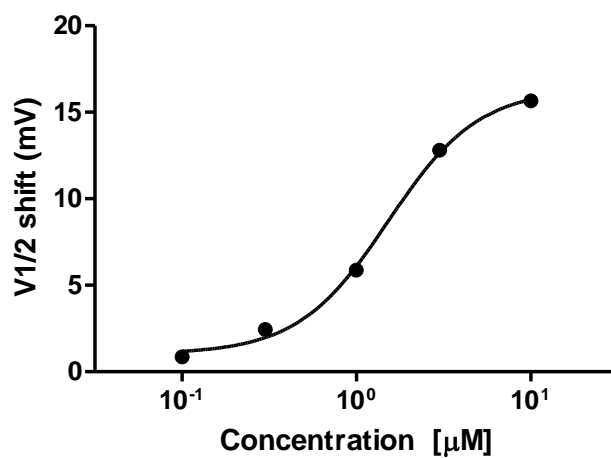
Channel	Kv7.4
Catalog Reference	ICE-HEK-hKCNQ4
Gene	KCNQ4
Sources	Human
Expression system	HEK293
Method	whole cell patch clamp
Standard time	2 weeks
Reference compound	ML213
Target	Cochlea

ML213



Current-voltage dependent curves of Kv7.4 in the absence or presence of Kv7.4 agonist ML213

KCNQ4 V1/2



Concentration dependent effect of ML213 on V1/2 shift of HEK293 cells stably transfected with KCNQ4

EC50	1.519
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Further validation data available on request.