Supplementary Materials

Figure S1. Luciferase activity assay data of phenylephrine (negative control), prazosin, terazosin, 5-methylurapidil, L-765314 and naftopidil on induced CRE activation in HEK293 cells. Each point represented the mean ± S.D. of three individual experiments.

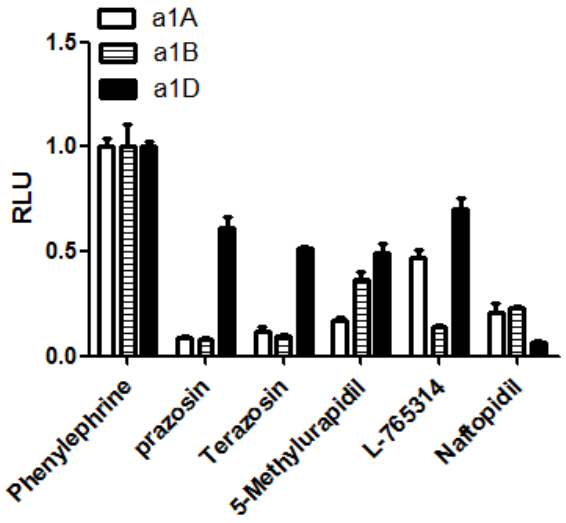

Table S1. Experimental RIP values with published subtype-selectivities of α_1-ARs antagonists.

Compounds	RIP Values (Mean ± SEM, n = 4)			Reported Selectivity
	α_{1A}	α_{1B}	α_{1D}	
Prazosin	0.91 ± 0.02	0.92 ± 0.01	0.39 ± 0.11	Nonselective [1]
Terazosin	0.89 ± 0.05	0.91 ± 0.02	0.49 ± 0.02	Nonselective [2]
5-Methylurapidil	0.83 ± 0.03	0.63 ± 0.07	0.51 ± 0.09	$\alpha_{1A} > \alpha_{1D} > \alpha_{1B}$ [3]
L-765314	0.53 ± 0.08	0.86 ± 0.01	0.30 ± 0.11	$\alpha_{1B} > \alpha_{1D} > \alpha_{1A}$ [3]
Naftopidil	0.79 ± 0.09	0.77 ± 0.02	0.93 ± 0.01	$\alpha_{1D} > \alpha_{1A} > \alpha_{1B}$ [4]

References

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