

Table S1: Impact of LGK974 and PRI-724 on systolic function parameters after 4 weeks of AngII or saline infusion in ApoE^{-/-} mice.

	Saline	AngII	AngII LGK974	Saline	AngII	AngII PRI724
LVAWd (mm)	0,82 ± 0,051	1,143 ± 0,059*	1,147 ± 0,058*	1,016 ± 0,049	1,029 ± 0,101	1,036 ± 0,047
LVPWd (mm)	0,71 ± 0,035	1,096 ± 0,063*	1,068 ± 0,073*	0,754 ± 0,014	1,019 ± 0,06 *	0,942 ± 0,052*
IVSd (mm)	0,943 ± 0,027	1,103 ± 0,057	1,110 ± 0,02	1,078 ± 0,068	1,091 ± 0,057	1,136 ± 0,057
LVEDD (mm)	3,638 ± 0,06	3,836 ± 0,13	3,439 ± 0,12	3,664 ± 0,08	3,616 ± 0,08	3,480 ± 0,12
LVESD (mm)	2,648 ± 0,13	2,684 ± 0,13	2,168 ± 0,15	2,681 ± 0,17	2,446 ± 0,09	2,302 ± 0,16
LVEF (%)	54,18 ± 4,47	64,40 ± 3,09	66,06 ± 2,77	52,95 ± 5,44	63,90 ± 2,712	63,65 ± 3,53
LVFS (%)	27,22 ± 3,09	34,32 ± 2,50	37,45 ± 2,38*	27,06 ± 3,26	34,18 ± 1,95	33,65 ± 3,006
LV mass (mg)	91,19 ± 6,91	132,28 ± 7,55*	109,95 ± 2,17#	96,54 ± 6,15	119,21 ± 8,48*	105,736 ± 4,89
Stroke vol (µL)	29,34 ± 2,82	38,49 ± 2,46*	32,67 ± 2,29	29,60 ± 2,39	33,77 ± 2,22	31,55 ± 1,69
HR (bpm)	418,6 ± 12,25	402,6 ± 17,92	395,5 ± 11,88	370,8 ± 22,56	358,43 ± 14,93	380,71 ± 10,38
CO (mL/min)	12,36 ± 1,242	14,78 ± 1,24	13,05 ± 1,05	11,14 ± 1,49	12,78 ± 1,14	12,26 ± 0,78
n	6	8	8	5	7	7

The experiment analyzing the response to LGK974 is indicated in light gray and that of PRI-724 in mid gray. CO: cardiac output; HR: heart rate; IVSd: end-diastolic interventricular septal thickness; LVAWd: end-diastolic left ventricular (LV) anterior wall thickness; LVEDD: LV end-diastolic internal diameter; LVEF: LV ejection fraction; LVESD: LV end-systolic internal diameter; LVFS: LV fractional shortening; LVPWd: end-diastolic LV posterior wall thickness. Results are expressed as mean ± SEM. *p* < 0.05: * vs. Saline; # AngII-infused ApoE^{-/-} mice.