

Table S1. Experimental results

Index	Mean				± SD			
	OC	O-HO	O-HS	LC	OC	O-HO	O-HS	LC
Initial body weight, g	224.9	222.6	217.7	176.3	12.88	21.45	18.74	12.40
Final body weight, g	370.2	367.7	349.9	267.0	27.45	19.88	25.15	13.85
Body weight gain, g	145.4	145.1	132.2	90.70	18.84	22.25	20.59	13.20
Dietary intake, g/day	23.89	23.40	23.60	15.15	2.238	1.424	1.176	0.620
TC, mmol/L	6.337	5.668	5.160	2.670	0.577	0.156	0.806	0.273
HDL-C, mmol/L	2.263	1.717	1.618	0.960	0.261	0.153	0.189	0.068
TG, mmol/L	5.305	2.940	4.011	2.347	1.674	1.405	0.912	0.821
log ₁₀ (TG/HDL-C)	0.371	0.179	0.388	0.397	0.149	0.129	0.124	0.089
TC/HDL	2.809	3.321	3.199	2.783	0.168	0.278	0.440	0.224
TC minus HDL-C	4.073	3.952	3.542	1.710	0.380	0.180	0.724	0.237
VLDL-C (tg/2.2)	2.411	1.336	1.823	1.067	0.761	0.639	0.414	0.373
LDL-C	2.021	2.615	1.719	0.643	0.764	0.670	0.957	0.371
TG*TC*LDL-C/HDL-C	25.26	23.06	21.36	3.686	5.611	5.888	12.92	1.098
non-HDL-C/HDL-C	1.809	2.321	2.199	1.783	0.168	0.278	0.440	0.224
LDL-C/HDL-C	0.866	1.556	1.048	0.684	0.318	0.484	0.562	0.423
ACW, mg/mL	4.940	3.930	1.460	1.680	1.170	1.600	0.247	0.482
ACL, mg/mL	32.80	26.30	24.50	18.80	3.190	15.80	7.130	7.540
Uric acid, μmol/L	99.80	69.30	17.80	18.30	68.70	59.30	6.31	3.83
Urea, mmol/L	9.410	8.160	7.520	5.830	0.221	1.630	0.955	0.667
Creatinine μmol/L	6.450	4.320	9.570	10.30	3.390	2.930	4.850	4.500
Albumin, μmol/L	547.0	505.0	504.0	454.0	19.60	37.60	30.20	29.50
Total Protein, g/L	83.80	75.50	76.10	63.70	5.170	4.270	5.010	4.460
GGT, U/L	5.080	5.267	3.433	1.800	3.962	2.583	2.725	1.910
MDA in blood plasma, μmol/L	20.05	14.58	10.92	8.625	1.463	2.487	2.289	0.8419
MDA in the heart, ng/g	677.8	536.9	522.7	556.6	142.5	52.83	46.56	72.45

thromboxan A ₂ , pg/mL								
Basal	546.7	508.3	481.7	416.7	92.88	73.87	73.33	56.80
Stimulated with acetylcholine (10 µM)	873.3	840.0	806.7	658.3	81.65	74.50	72.57	73.60
Glycemia, mg/dL								
0	94.17	104.7	108.3	98.33	8.060	14.79	17.75	7.866
15	217.2	264.8	307.3	170.7	59.63	67.77	108.1	14.80
30	212.2	329.8	316.8	168.3	53.59	145.2	110.9	32.32
60	168.2	330.0	291.0	144.0	35.82	164.9	131.8	18.60
90	175.0	283.2	287.7	154.2	19.79	113.6	129.8	16.79
120	163.2	228.8	253.8	136.8	25.69	80.21	103.2	14.81
180	107.3	145.2	147.7	116.7	11.72	49.08	47.28	11.18

Table S2. Emax, pEC₅₀ and AUC of thoracic arteries

	OC			O+HO			O+HS			LC		
	Top	LogEC ₅₀	AUC	Top	LogEC ₅₀	AUC	Top	LogEC ₅₀	AUC	Top	LogEC ₅₀	AUC
Acetylcholine	72.79	7.05	167.50	80.15	6.83	171.50	84.44	7.13	203.50	85.83	6.97	207.00
±	2.96	0.11	17.80	3.10	0.10	20.82	3.67	0.11	29.72	3.42	0.10	24.34
Sodium nitroprusside	103.70	8.90	437.20	107.50	8.51	377.00	118.70	8.42	399.50	96.00	9.58	422.50
±	1.48	0.05	10.64	4.24	0.14	11.82	4.02	0.14	16.81	2.97	0.09	19.61
Pinacidil	98.52	5.69	91.00	97.74	6.23	133.80	100.90	6.17	133.30	95.12	6.67	165.80
±	4.01	0.09	9.67	3.78	0.09	16.24	4.38	0.10	19.47	3.79	0.09	19.50
NS1619	14.01	5.73	3.50	110.10	7.65	243.60	98.84	10.75	288.00	93.09	6.07	110.50
±	0.20	0.03	0.09	4.34	0.13	7.64	3.34	0.18	12.12	2.88	0.06	5.13
Noradrenaline	124.00	6.69	230.50	194.80	6.92	366.50	181.10	7.01	356.00	163.10	7.01	313.00
±	5.05	0.10	23.00	7.54	0.10	25.00	7.86	0.11	34.00	6.50	0.10	26.00
U-46619	293.90	8.03	561.50	271.50	7.91	490.00	310.60	7.59	476.00	227.10	7.45	312.00
±	82.29	0.17	35.00	76.02	0.15	34.00	86.97	0.14	41.00	63.59	0.17	29.00