

## Supplementary Materials

**Table S1.** Brief introduction of different soaking procedures.

Processing method	Processing parameters	Duration (min)
Water soaking	Water at room temperature	5, 10, 15, 20
Heated water soaking	Heated water maintained at 45 °C	5, 10, 15, 20
Ultrasound-assisted water soaking	Water at room temperature	4, 6, 8, 10
	Ultrasound frequency: 40 kHz	
Water soaking with additives	Additive: NaCl, acetic acid, LAS and ethanol	15
	Additive concentration: 0.2%, 0.5%, 1%	

**Table S2.** Concentrations of penthiopyrad enantiomers in soaking solution, raw and processed tomato samples in water for different durations.

Treatment	Duration (min)	Concentration (Average $\pm$ SD, $n = 3$ , $\mu\text{g/kg}$ )											
		Solution			Pulp			Peel			Whole fruit		
		<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>
Control	0	/	/	/	162 $\pm$ 11	161 $\pm$ 10	323 $\pm$ 21	2261 $\pm$ 132	2293 $\pm$ 161	4555 $\pm$ 294	753 $\pm$ 29	760 $\pm$ 27	1514 $\pm$ 56
A	5	10 $\pm$ 1	10 $\pm$ 1	20 $\pm$ 1	21 $\pm$ 1	22 $\pm$ 0	44 $\pm$ 1	2064 $\pm$ 45	2088 $\pm$ 65	4152 $\pm$ 109	681 $\pm$ 10	692 $\pm$ 7	1373 $\pm$ 16
	10	11 $\pm$ 0	11 $\pm$ 0	22 $\pm$ 0	13 $\pm$ 1	13 $\pm$ 1	26 $\pm$ 2	1962 $\pm$ 38	1994 $\pm$ 37	3956 $\pm$ 70	618 $\pm$ 40	634 $\pm$ 42	1252 $\pm$ 82
	15	11 $\pm$ 0	11 $\pm$ 0	22 $\pm$ 0	11 $\pm$ 1	10 $\pm$ 1	21 $\pm$ 2	1661 $\pm$ 32	1708 $\pm$ 62	3370 $\pm$ 92	553 $\pm$ 15	574 $\pm$ 17	1126 $\pm$ 31
	20	12 $\pm$ 0	13 $\pm$ 1	25 $\pm$ 2	4 $\pm$ 0	4 $\pm$ 0	8 $\pm$ 0	1484 $\pm$ 194	1491 $\pm$ 183	2975 $\pm$ 377	512 $\pm$ 48	511 $\pm$ 33	1023 $\pm$ 77
	5	22 $\pm$ 1	23 $\pm$ 1	45 $\pm$ 2	69 $\pm$ 4	63 $\pm$ 3	132 $\pm$ 6	1545 $\pm$ 90	1528 $\pm$ 60	3073 $\pm$ 150	585 $\pm$ 63	580 $\pm$ 70	1165 $\pm$ 132
B	10	46 $\pm$ 2	47 $\pm$ 1	94 $\pm$ 3	60 $\pm$ 3	60 $\pm$ 1	120 $\pm$ 4	1298 $\pm$ 46	1310 $\pm$ 84	2608 $\pm$ 129	455 $\pm$ 88	440 $\pm$ 92	895 $\pm$ 180
	15	59 $\pm$ 3	59 $\pm$ 4	118 $\pm$ 6	52 $\pm$ 2	48 $\pm$ 3	100 $\pm$ 4	1194 $\pm$ 21	1206 $\pm$ 31	2400 $\pm$ 52	328 $\pm$ 17	320 $\pm$ 13	648 $\pm$ 30
	20	62 $\pm$ 1	63 $\pm$ 1	125 $\pm$ 2	38 $\pm$ 6	37 $\pm$ 4	75 $\pm$ 10	904 $\pm$ 210	903 $\pm$ 229	1807 $\pm$ 439	283 $\pm$ 28	279 $\pm$ 24	562 $\pm$ 52
	4	8 $\pm$ 0	8 $\pm$ 0	17 $\pm$ 1	118 $\pm$ 6	118 $\pm$ 6	236 $\pm$ 12	1606 $\pm$ 32	1635 $\pm$ 24	3241 $\pm$ 54	593 $\pm$ 65	591 $\pm$ 66	1184 $\pm$ 130
C	6	10 $\pm$ 1	10 $\pm$ 0	20 $\pm$ 1	95 $\pm$ 11	97 $\pm$ 10	192 $\pm$ 18	1250 $\pm$ 18	1259 $\pm$ 18	2509 $\pm$ 36	513 $\pm$ 21	514 $\pm$ 23	1027 $\pm$ 45
	8	73 $\pm$ 0	73 $\pm$ 1	146 $\pm$ 1	80 $\pm$ 5	48 $\pm$ 2	158 $\pm$ 6	1136 $\pm$ 84	1159 $\pm$ 93	2295 $\pm$ 177	430 $\pm$ 45	426 $\pm$ 52	856 $\pm$ 97
	10	88 $\pm$ 3	88 $\pm$ 3	176 $\pm$ 6	9 $\pm$ 2	9 $\pm$ 1	18 $\pm$ 3	881 $\pm$ 87	900 $\pm$ 81	1781 $\pm$ 167	202 $\pm$ 40	200 $\pm$ 39	402 $\pm$ 80

SD was standard deviation. A: Water soaking and peeling; B: Heated water soaking and peeling; C: Ultrasound-assisted soaking and peeling.

**Table S3.** Concentrations of penthiopyrad enantiomers in soaking solution, raw and processed tomato samples at solutions with different additives for 15 min.

Treatment	Content (%)	Concentration (Average $\pm$ SD, $n = 3$ , $\mu\text{g/kg}$ )											
		Solution			Pulp			Peel			Whole fruit		
		<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>
Control	0	/	/	/	162 $\pm$ 11	161 $\pm$ 10	323 $\pm$ 21	2261 $\pm$ 132	2293 $\pm$ 161	4555 $\pm$ 294	753 $\pm$ 29	760 $\pm$ 27	1514 $\pm$ 56
D	0.2	80 $\pm$ 1	76 $\pm$ 2	157 $\pm$ 3	5 $\pm$ 1	5 $\pm$ 2	10 $\pm$ 2	1225 $\pm$ 145	1187 $\pm$ 144	2412 $\pm$ 289	201 $\pm$ 20	190 $\pm$ 18	391 $\pm$ 38
	0.5	83 $\pm$ 2	82 $\pm$ 3	165 $\pm$ 5	4 $\pm$ 0	4 $\pm$ 0	7 $\pm$ 1	976 $\pm$ 37	940 $\pm$ 29	1916 $\pm$ 65	105 $\pm$ 6	101 $\pm$ 5	206 $\pm$ 11
	1.0	112 $\pm$ 9	108 $\pm$ 7	221 $\pm$ 16	3 $\pm$ 0	3 $\pm$ 0	6 $\pm$ 0	671 $\pm$ 9	639 $\pm$ 11	1310 $\pm$ 20	83 $\pm$ 2	80 $\pm$ 1	163 $\pm$ 3
E	0.2	3 $\pm$ 0	3 $\pm$ 0	5 $\pm$ 0	5 $\pm$ 1	5 $\pm$ 1	10 $\pm$ 2	694 $\pm$ 16	679 $\pm$ 8	1374 $\pm$ 24	116 $\pm$ 8	116 $\pm$ 9	232 $\pm$ 17
	0.5	3 $\pm$ 0	3 $\pm$ 0	6 $\pm$ 0	4 $\pm$ 0	4 $\pm$ 0	8 $\pm$ 1	358 $\pm$ 31	357 $\pm$ 28	714 $\pm$ 59	100 $\pm$ 8	98 $\pm$ 7	198 $\pm$ 15
	1.0	3 $\pm$ 0	3 $\pm$ 0	6 $\pm$ 0	3 $\pm$ 0	3 $\pm$ 0	7 $\pm$ 1	134 $\pm$ 42	126 $\pm$ 33	260 $\pm$ 75	58 $\pm$ 12	58 $\pm$ 11	115 $\pm$ 23
F	0.2	5 $\pm$ 0	5 $\pm$ 0	9 $\pm$ 0	10 $\pm$ 1	10 $\pm$ 0	19 $\pm$ 1	321 $\pm$ 22	322 $\pm$ 18	643 $\pm$ 40	160 $\pm$ 16	156 $\pm$ 18	316 $\pm$ 34
	0.5	8 $\pm$ 0	8 $\pm$ 0	15 $\pm$ 0	9 $\pm$ 0	9 $\pm$ 0	17 $\pm$ 1	296 $\pm$ 2	289 $\pm$ 12	585 $\pm$ 14	131 $\pm$ 6	125 $\pm$ 6	256 $\pm$ 11
	1.0	12 $\pm$ 0	12 $\pm$ 0	23 $\pm$ 0	8 $\pm$ 0	8 $\pm$ 0	16 $\pm$ 0	267 $\pm$ 39	254 $\pm$ 42	520 $\pm$ 81	116 $\pm$ 2	114 $\pm$ 3	230 $\pm$ 5
G	0.2	11 $\pm$ 0	10 $\pm$ 1	22 $\pm$ 1	122 $\pm$ 11	102 $\pm$ 9	224 $\pm$ 20	1925 $\pm$ 117	1860 $\pm$ 86	3784 $\pm$ 202	384 $\pm$ 51	353 $\pm$ 42	737 $\pm$ 93
	0.5	16 $\pm$ 0	16 $\pm$ 0	32 $\pm$ 1	95 $\pm$ 14	68 $\pm$ 16	163 $\pm$ 30	1648 $\pm$ 84	1575 $\pm$ 102	3222 $\pm$ 185	308 $\pm$ 8	282 $\pm$ 17	590 $\pm$ 24
	1.0	30 $\pm$ 1	29 $\pm$ 0	59 $\pm$ 1	27 $\pm$ 1	16 $\pm$ 2	43 $\pm$ 3	1357 $\pm$ 103	1294 $\pm$ 89	2651 $\pm$ 192	276 $\pm$ 13	248 $\pm$ 12	525 $\pm$ 25

SD was standard deviation, AA was acetic acid, LAS was linear alkylbenzene sulfonates, and EA was ethanol. D: Water soaking with NaCl and peeling; E: Water soaking with AA and peeling; F: Water soaking with LAS and peeling; G: Water soaking with EA and peeling.

**Table S4.** Concentrations of penthiopyrad enantiomers in soaking solution, raw and processed cucumber samples in water for different durations.

Treatment	Duration (min)	Concentration (Average $\pm$ SD, $n = 3$ , $\mu\text{g/kg}$ )											
		Solution			Pulp			Peel			Whole fruit		
		<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>
Control	0	/	/	/	305 $\pm$ 15	304 $\pm$ 12	608 $\pm$ 26	5913 $\pm$ 250	5875 $\pm$ 189	11788 $\pm$ 434	2012 $\pm$ 52	2008 $\pm$ 54	4021 $\pm$ 106
A	5	7 $\pm$ 1	7 $\pm$ 1	15 $\pm$ 2	18 $\pm$ 1	18 $\pm$ 0	36 $\pm$ 1	5284 $\pm$ 372	5256 $\pm$ 397	10540 $\pm$ 769	1754 $\pm$ 91	1812 $\pm$ 82	3566 $\pm$ 172
	10	15 $\pm$ 7	15 $\pm$ 7	29 $\pm$ 14	15 $\pm$ 1	15 $\pm$ 1	29 $\pm$ 3	4036 $\pm$ 511	4025 $\pm$ 428	8061 $\pm$ 936	1595 $\pm$ 28	1578 $\pm$ 46	3173 $\pm$ 71
	15	186 $\pm$ 8	182 $\pm$ 6	368 $\pm$ 14	12 $\pm$ 0	12 $\pm$ 0	25 $\pm$ 0	2396 $\pm$ 260	2342 $\pm$ 260	4738 $\pm$ 520	783 $\pm$ 74	804 $\pm$ 80	1587 $\pm$ 154
	20	234 $\pm$ 33	231 $\pm$ 33	465 $\pm$ 65	12 $\pm$ 0	12 $\pm$ 0	23 $\pm$ 1	671 $\pm$ 44	626 $\pm$ 44	1297 $\pm$ 88	409 $\pm$ 33	414 $\pm$ 48	823 $\pm$ 81
B	5	86 $\pm$ 3	85 $\pm$ 4	171 $\pm$ 7	53 $\pm$ 3	53 $\pm$ 3	106 $\pm$ 6	1821 $\pm$ 70	1800 $\pm$ 81	3622 $\pm$ 150	118 $\pm$ 24	122 $\pm$ 23	241 $\pm$ 47
	10	96 $\pm$ 8	94 $\pm$ 7	190 $\pm$ 14	33 $\pm$ 2	33 $\pm$ 2	66 $\pm$ 4	1676 $\pm$ 14	1642 $\pm$ 38	3318 $\pm$ 50	81 $\pm$ 3	82 $\pm$ 3	162 $\pm$ 6
	15	117 $\pm$ 9	117 $\pm$ 7	234 $\pm$ 16	27 $\pm$ 4	26 $\pm$ 2	53 $\pm$ 6	1294 $\pm$ 237	1328 $\pm$ 305	2622 $\pm$ 540	66 $\pm$ 9	67 $\pm$ 10	133 $\pm$ 19
	20	161 $\pm$ 30	159 $\pm$ 31	319 $\pm$ 61	9 $\pm$ 1	9 $\pm$ 1	18 $\pm$ 2	781 $\pm$ 59	866 $\pm$ 74	1738 $\pm$ 133	43 $\pm$ 3	44 $\pm$ 4	87 $\pm$ 7
C	4	62 $\pm$ 4	61 $\pm$ 2	123 $\pm$ 6	139 $\pm$ 78	125 $\pm$ 61	264 $\pm$ 138	4793 $\pm$ 406	4721 $\pm$ 391	9514 $\pm$ 779	1680 $\pm$ 87	1683 $\pm$ 74	3363 $\pm$ 161
	6	90 $\pm$ 13	88 $\pm$ 11	178 $\pm$ 24	108 $\pm$ 14	107 $\pm$ 14	214 $\pm$ 27	3568 $\pm$ 122	3647 $\pm$ 200	7214 $\pm$ 322	1422 $\pm$ 94	1433 $\pm$ 76	2856 $\pm$ 155
	8	102 $\pm$ 2	102 $\pm$ 3	205 $\pm$ 5	38 $\pm$ 25	34 $\pm$ 18	73 $\pm$ 43	2796 $\pm$ 116	2751 $\pm$ 110	5548 $\pm$ 226	939 $\pm$ 64	941 $\pm$ 76	1880 $\pm$ 140
	10	122 $\pm$ 7	120 $\pm$ 9	242 $\pm$ 16	18 $\pm$ 2	19 $\pm$ 2	36 $\pm$ 4	1848 $\pm$ 222	1871 $\pm$ 231	3718 $\pm$ 452	798 $\pm$ 21	788 $\pm$ 16	1586 $\pm$ 37

SD was standard deviation. A: Water soaking and peeling; B: Heated water soaking and peeling; C: Ultrasound-assisted soaking and peeling.

**Table S5.** Concentrations of penthiopyrad enantiomers in soaking solution, raw and processed cucumber samples at solutions with different additives for 15 min.

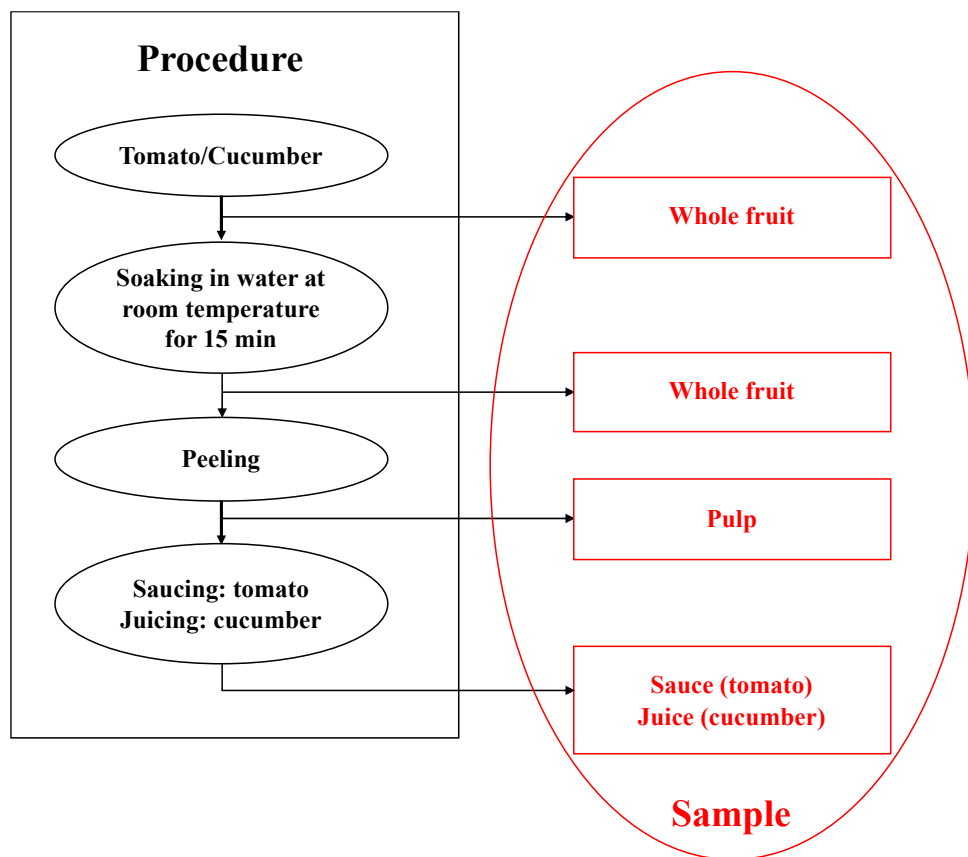
Treatment	Content (%)	Concentration (Average $\pm$ SD, $n = 3$ , $\mu\text{g/kg}$ )											
		Solution			Pulp			Peel			Whole fruit		
		<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>	<i>R</i>	<i>S</i>	<i>Rac</i>
Control	0	/	/	/	305 $\pm$ 15	304 $\pm$ 12	608 $\pm$ 26	5913 $\pm$ 250	5875 $\pm$ 189	11788 $\pm$ 434	2012 $\pm$ 52	2008 $\pm$ 54	4021 $\pm$ 106
D	0.2	71 $\pm$ 12	71 $\pm$ 12	142 $\pm$ 24	8 $\pm$ 0	8 $\pm$ 0	16 $\pm$ 0	2468 $\pm$ 198	2298 $\pm$ 161	4766 $\pm$ 358	823 $\pm$ 68	784 $\pm$ 72	1607 $\pm$ 141
	0.5	105 $\pm$ 10	105 $\pm$ 11	210 $\pm$ 20	7 $\pm$ 1	7 $\pm$ 1	15 $\pm$ 1	1108 $\pm$ 65	1090 $\pm$ 96	2198 $\pm$ 160	121 $\pm$ 25	117 $\pm$ 23	238 $\pm$ 48
	1.0	121 $\pm$ 4	120 $\pm$ 4	241 $\pm$ 8	5 $\pm$ 0	5 $\pm$ 0	10 $\pm$ 0	932 $\pm$ 19	889 $\pm$ 34	1821 $\pm$ 52	65 $\pm$ 18	65 $\pm$ 20	130 $\pm$ 38
E	0.2	4 $\pm$ 1	4 $\pm$ 1	8 $\pm$ 2	9 $\pm$ 1	9 $\pm$ 1	18 $\pm$ 2	1780 $\pm$ 38	1715 $\pm$ 40	3495 $\pm$ 78	42 $\pm$ 1	42 $\pm$ 0	84 $\pm$ 1
	0.5	6 $\pm$ 1	6 $\pm$ 1	13 $\pm$ 2	6 $\pm$ 0	6 $\pm$ 0	12 $\pm$ 0	1588 $\pm$ 110	1541 $\pm$ 102	3129 $\pm$ 212	38 $\pm$ 3	37 $\pm$ 4	75 $\pm$ 6
	1.0	8 $\pm$ 0	8 $\pm$ 0	16 $\pm$ 1	5 $\pm$ 0	5 $\pm$ 0	10 $\pm$ 1	1242 $\pm$ 52	1183 $\pm$ 55	2426 $\pm$ 106	31 $\pm$ 1	30 $\pm$ 2	60 $\pm$ 3
F	0.2	9 $\pm$ 0	8 $\pm$ 0	17 $\pm$ 1	16 $\pm$ 1	15 $\pm$ 1	32 $\pm$ 2	1068 $\pm$ 39	1036 $\pm$ 26	2104 $\pm$ 64	58 $\pm$ 8	56 $\pm$ 8	114 $\pm$ 16
	0.5	13 $\pm$ 0	13 $\pm$ 0	26 $\pm$ 1	15 $\pm$ 0	14 $\pm$ 1	29 $\pm$ 1	1067 $\pm$ 54	957 $\pm$ 43	2023 $\pm$ 94	47 $\pm$ 6	42 $\pm$ 1	88 $\pm$ 7
	1.0	17 $\pm$ 1	16 $\pm$ 1	33 $\pm$ 1	8 $\pm$ 1	8 $\pm$ 0	16 $\pm$ 1	36 $\pm$ 6	33 $\pm$ 3	70 $\pm$ 9	13 $\pm$ 0	13 $\pm$ 0	26 $\pm$ 0
G	0.2	11 $\pm$ 0	11 $\pm$ 0	22 $\pm$ 1	93 $\pm$ 2	93 $\pm$ 3	186 $\pm$ 5	4421 $\pm$ 350	4327 $\pm$ 312	8748 $\pm$ 662	1539 $\pm$ 69	1542 $\pm$ 89	3081 $\pm$ 158
	0.5	13 $\pm$ 1	13 $\pm$ 1	26 $\pm$ 2	85 $\pm$ 7	83 $\pm$ 8	168 $\pm$ 15	3867 $\pm$ 160	3728 $\pm$ 219	7596 $\pm$ 374	1340 $\pm$ 154	1340 $\pm$ 168	2679 $\pm$ 321
	1.0	17 $\pm$ 3	17 $\pm$ 3	34 $\pm$ 5	28 $\pm$ 6	27 $\pm$ 6	55 $\pm$ 11	3479 $\pm$ 221	3330 $\pm$ 135	6809 $\pm$ 355	957 $\pm$ 102	928 $\pm$ 116	1884 $\pm$ 217

SD was standard deviation, AA was acetic acid, LAS was linear alkylbenzene sulfonates, and EA was ethanol. D: Water soaking with NaCl and peeling; E: Water soaking with AA and peeling; F: Water soaking with LAS and peeling; G: Water soaking with EA and peeling.

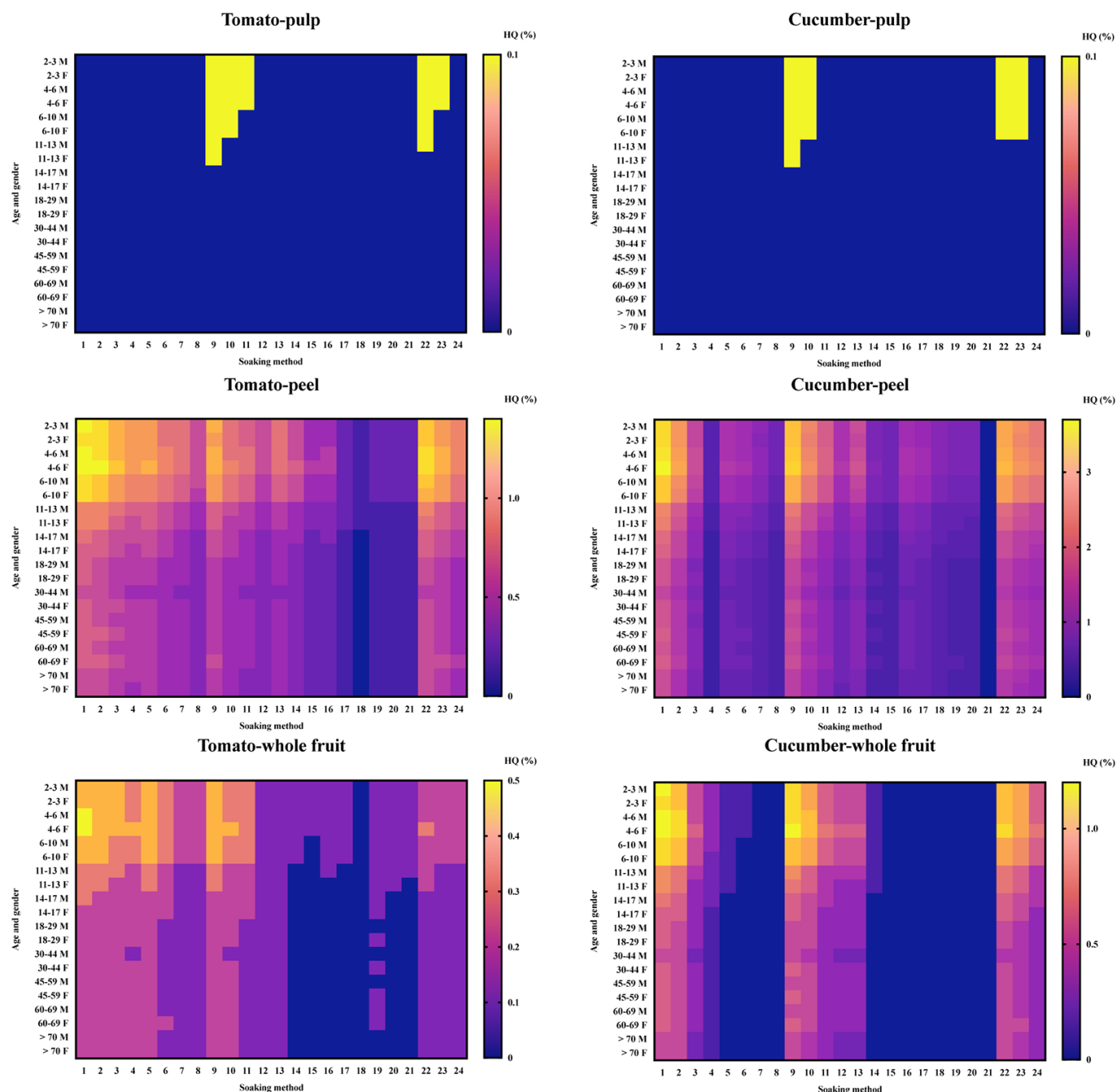
**Table S6.** Concentrations of penthiopyrad enantiomers in tomato sauce and cucumber juice samples after storage at room temperature (RT) and 4 °C.

Sample	Temperature	Time (d)	Concentration (Average $\pm$ SD, $n = 3$ , $\mu\text{g/kg}$ )			Sample	Temperature	Time (d)	Concentration (Average $\pm$ SD, $n = 3$ , $\mu\text{g/kg}$ )		
			<i>R</i>	<i>S</i>	<i>Rac</i>				<i>R</i>	<i>S</i>	<i>Rac</i>
Tomato sauce	4 °C	0	161 $\pm$ 3	145 $\pm$ 2	306 $\pm$ 5	Cucumber juice	4 °C	0	63 $\pm$ 0	64 $\pm$ 1	128 $\pm$ 1
		1	150 $\pm$ 5	131 $\pm$ 3	281 $\pm$ 10			1	63 $\pm$ 0	63 $\pm$ 0	126 $\pm$ 0
		2	129 $\pm$ 14	123 $\pm$ 3	252 $\pm$ 16			2	61 $\pm$ 1	61 $\pm$ 1	123 $\pm$ 2
		3	110 $\pm$ 1	95 $\pm$ 1	205 $\pm$ 2			3	59 $\pm$ 0	60 $\pm$ 0	119 $\pm$ 1
		5	108 $\pm$ 0	92 $\pm$ 1	200 $\pm$ 1			5	57 $\pm$ 0	59 $\pm$ 1	116 $\pm$ 1
		7	107 $\pm$ 0	90 $\pm$ 0	197 $\pm$ 1			7	57 $\pm$ 1	58 $\pm$ 0	114 $\pm$ 2
		9	105 $\pm$ 0	89 $\pm$ 0	194 $\pm$ 0			9	56 $\pm$ 0	57 $\pm$ 1	113 $\pm$ 2
		12	102 $\pm$ 1	87 $\pm$ 1	190 $\pm$ 2			12	54 $\pm$ 1	56 $\pm$ 0	110 $\pm$ 1
	RT	1	139 $\pm$ 1	111 $\pm$ 13	250 $\pm$ 14		RT	1	62 $\pm$ 0	62 $\pm$ 0	124 $\pm$ 1
		2	112 $\pm$ 1	93 $\pm$ 1	205 $\pm$ 2			2	61 $\pm$ 0	61 $\pm$ 1	122 $\pm$ 2
		3	110 $\pm$ 2	91 $\pm$ 0	201 $\pm$ 2			3	58 $\pm$ 1	58 $\pm$ 1	116 $\pm$ 2
		5	106 $\pm$ 2	89 $\pm$ 1	195 $\pm$ 3			5	53 $\pm$ 0	54 $\pm$ 1	107 $\pm$ 1
		7	105 $\pm$ 1	88 $\pm$ 0	193 $\pm$ 1			7	52 $\pm$ 0	53 $\pm$ 1	106 $\pm$ 2
		9	103 $\pm$ 1	86 $\pm$ 0	190 $\pm$ 1			9	51 $\pm$ 0	52 $\pm$ 0	103 $\pm$ 0
		12	99 $\pm$ 2	82 $\pm$ 2	181 $\pm$ 4			12	50 $\pm$ 1	50 $\pm$ 1	100 $\pm$ 2

SD was standard deviation.



**Figure S1.** Procedure of saucing and juicing.



**Figure S2.** Heatmap of health quotient (HQ) values of penthiopyrad (racemate) in tomato and cucumber samples for different ages and genders of Chinese consumers after different soaking methods (1-4: water soaking for 5-20 min and peeling; 5-8: heated water soaking for 5-20 min and peeling; 9-12: ultrasound-assisted soaking for 4-10 min and peeling; 13-15: water soaking with NaCl (0.2%, 0.5%, 1%) and peeling; 16-18: water soaking with AA (0.2%, 0.5%, 1%) and peeling; 19-21: water soaking with LAS (0.2%, 0.5%, 1%) and peeling; 22-24: water soaking with EA (0.2%, 0.5%, 1%) and peeling).