Supplementary Table S2

Binding inhibitory activity (IC_{50} values) of selective components of rikkunshito (RKT) on α- and β- adrenergic receptor (AR) subtypes

RKT components		α-AR[a]							β-AR[a]	
		1			2				1	3
		A	B	NS	A	B	C	NS		
Glysyrrhizae Radix	glycycoumarin	19.6 ± 1.0	11.7 ± 3.3		5.2 ± 0.7	39.4 ± 3.3	14.5 ± 0.3	_	24.6 ± 0.6	10.4 ± 2.4
Zingiberis Rhizoma	6-shogaol	_	_	_	24.7 ± 2.4	_	_	_	_	_
	8-shogaol	_	_	_	5.7 ± 0.8	_	6.1 ± 0.5	_	_	_
	10-gingerol	22.9 ± 1.4		_	5.4 ± 0.2	30.9 ± 1.9	6.6 ± 0.8	_	25.1 ± 0.9	9.8 ± 0.6
Aurantii Nobilis pericarpium	Heptamethoxyflavone	12.2 ± 1.8	_	17.1 ± 2.9	_	_	_	_	_	_
	synephrine	_-	_	_	_	_	_	11.2 ± 1.2	_	_
Atractylodis Lanceae Rhizoma	Eudesmol	48.8 ± 1.2	_	_	37.2 ± 4.4	_	_	_	_	_

[a]Binding - inhibitory activities of selective RKT components were performed using human recombinant ARs (α_2, β) or rat tissue ARs (α_1) by radioligand binding assay. Each value indicates the mean ± SE of 3 samples as μmol. Seven crude rikkunshito components responded to a single AR dose at 100 μM with inhibitory activity of at least 70% were performed.

（－）: NS (Indicates no significant: more than 100 μmol/L as IC_{50} values.)