

**Table S1** Target genes of the active compounds of *Sophorae Flavescens radix* in the DrugBank databaseThe target genes corresponding to the effective compounds of *Sophorae Flavescens radix* in the DrugBank database

## (2R)-5,7-dihydroxy-2-(4-hydroxyphenyl)chroman-4-one

PTGS1	ESR1	PTGS2	PGR	NR3C2	NR3C1	HSP90AA2P	LACTB	PRKACA	ESR2
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## Inermine

PTGS1	CHRM3	CHRM1	SCN5A	PTGS2	HTR3A	RXRA	ADRA1B	ADRB2	ADRA1D
OPRM1	HSP90AA2P	PIK3CG	PRKACA	IGHG1	PRSS1	CALM1			

## 8-Isopentenyl-kaempferol

PTGS1	F2	KCNH2	ESR1	AR	SCN5A	PPARG	F10	PTGS2	F7
KDR	GABRA2	RXRA	PDE3A	TOP2A	GABRA1	DPP4	GBE1	MAPK14	GSK3B
HSP90AA2P	CDK2	CHEK1	PRSS1	PIM1	CCNA2	NCOA2	KCNMA1	CALM1	

## Sophocarpine

TNF	IL6								
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## Inermin

PTGS1	CHRM3	SCN5A	PTGS2	HTR3A	RXRA	ADRA1B	ADRB2	ADRA1D	SLC6A4
HSP90AA2P	PIK3CG	CHRNA7	PRKACA	IGHG1	PRSS1	NCOA1	CALM1		

## Wighteone

NOS2	F2	ESR1	AR	SCN5A	PPARG	F10	PTGS2	TOP2A	ESR2
DPP4	MAPK14	GSK3B	CDK2	CHEK1	PRSS1	PIM1	CCNA2	CALM1	

## Sophoridine

TNF	IL6								
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## Formononetin

NOS2	PTGS1	F2	CHRM1	ESR1	AR	PPARG	PTGS2	NOS3	RARA
ACHE	PDE3A	ADRA1A	SLC6A3	ADRB2	SLC6A4	ESR2	DPP4	MAPK14	JUN
GSK3B	HSP90AA2P	CDK2	LACTB	MAOB	CHEK1	PRKACA	MT-ND6	CBS	PRSS1
PIM1	CCNA2	PKIA	CALM1	HSD3B1	HSD3B2	IL4	SIRT1	PPARG	

## cis-Dihydroquercetin

PTGS1	PTGS2	RXRA	AKR1B1	HSP90AA2P	PIK3CG				
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## (2R)-7-hydroxy-2-(4-hydroxyphenyl)chroman-4-one

PTGS1	ESR1	PTGS2	RXRA	PDE3A	ADRB2	SLC6A4	GABRA1	HSP90AA2P	PIK3CG
LACTB	MAOB	PRKACA	PKIA	CALM1					

## 5,7-dihydroxy-2-(3-hydroxy-4-methoxyphenyl)chroman-4-one

PTGS1	SCN5A	PTGS2	TOP2A	HSP90AA2P	PIK3CG	PRKACA	NCOA2	NCOA1	CALM1
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## Matrine

MMP2	TNF	IL6	CASP3	CD44	HPSE	IER3IP1	ICAM1	MYCN	RELA
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## Luteolin

PTGS1	INSR	AR	PTGS2	MMP2	TNF	EGFR	DPP4	MET	IL6
MMP1	MAPK1	IFNG	JUN	HSP90AA2P	PIK3CG	XDH	CDK4	TP53	APP
PRKACA	TOP1	HMOX1	RB1	PRSS1	NCOA2	CASP7	IL2	ADCY2	XIAP
BIRC5	BCL2L1	CASP3	CASP9	CD40LG	CDKN1A	TOP2A	MDM2	CCND1	CCNB1
MCL1	ICAM1	IL10	IL4	NUF2	MMP9	NFKBIA	PPARG	PCNA	PTGES