



**Figure S1. Effects of hederagenin on the IL-1 $\alpha$ -induced ICAM-1 protein expression.**

A549 cells were treated with or without hederagenin (**3**) for 1 h, and were then stimulated with (+) IL-1 $\alpha$  (0.25 ng/mL) for 6 h in the presence or absence of hederagenin (**3**) at the indicated final concentrations. Blots are representative of three independent experiments.

**Table S1. Oleanane-type pentacyclic triterpenoids used in this study**

No.	Compound	Molecular formula	Supplier	Product number	Batch (Lot) number	Purity (%)
1	Oleanolic acid	C <sub>30</sub> H <sub>48</sub> O <sub>3</sub>	Sigma-Aldrich	05504-100MG	SLBD3309V	≥ 97
2	Maslinic acid	C <sub>30</sub> H <sub>48</sub> O <sub>4</sub>	Cayman Chemical	10009645	0480403-12	≥ 98
3	Hederagenin	C <sub>30</sub> H <sub>48</sub> O <sub>4</sub>	Tokyo Chemical Industry	H1645	QZFAM-LM	≥ 98
4	Echinocystic acid	C <sub>30</sub> H <sub>48</sub> O <sub>4</sub>	Cayman Chemical	27476	0555516-1	≥ 95
5	Sericic acid	C <sub>30</sub> H <sub>48</sub> O <sub>6</sub>	Santa Cruz Biotechnology	SC-396534	J2919	≥ 98
6	Moronic acid	C <sub>30</sub> H <sub>46</sub> O <sub>3</sub>	Tokyo Chemical Industry	M2610	GVFCB-KF	≥ 96
7	$\alpha$ -Boswellic acid	C <sub>30</sub> H <sub>48</sub> O <sub>3</sub>	Cayman Chemical	11692	0545283-1 0585229-4	≥ 98 ≥ 98
8	Glycyrrhetic acid	C <sub>30</sub> H <sub>46</sub> O <sub>4</sub>	Tokyo Chemical Industry	G0149	JJVRC-NM	≥ 97
9	$\beta$ -Amyrin	C <sub>30</sub> H <sub>50</sub> O	Cayman Chemical	20949	0536677-6	≥ 95
10	Erythrodiol	C <sub>30</sub> H <sub>50</sub> O <sub>2</sub>	Sigma-Aldrich	09258-10MG-F	BCBH3524V	≥ 97
11	Gymnemagenin	C <sub>30</sub> H <sub>50</sub> O <sub>6</sub>	Cayman Chemical	11713	0510955-2	≥ 98
12	Celastrol	C <sub>29</sub> H <sub>38</sub> O <sub>4</sub>	Cayman Chemical	70950	0507248-19	≥ 98
13	Pristimerin	C <sub>30</sub> H <sub>40</sub> O <sub>4</sub>	Cayman Chemical	13621	0476159-13	≥ 98