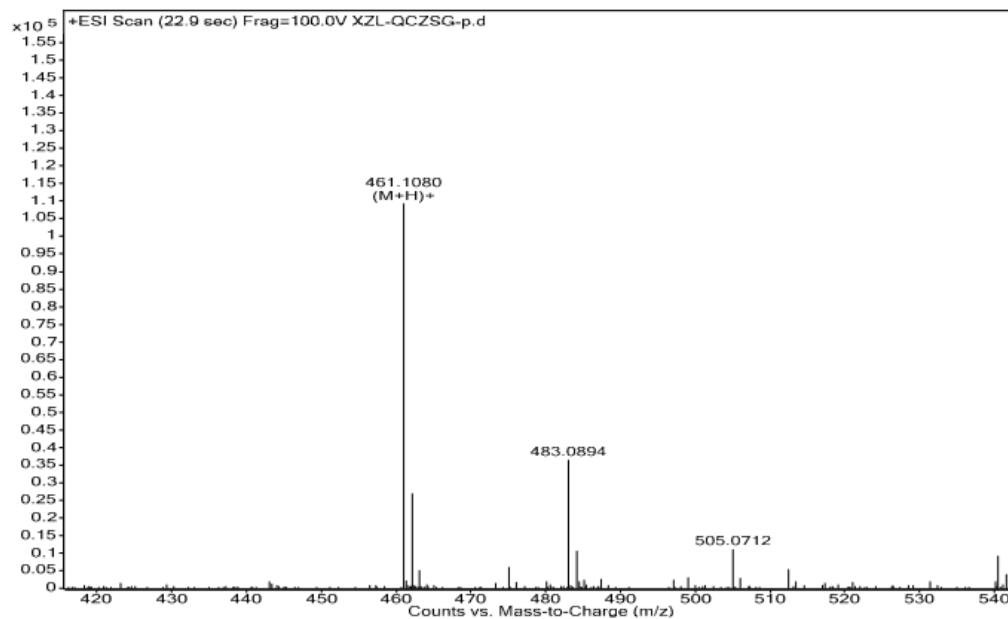


Sample Name	2	Position	P1-D7	Instrument Name	Instrument 1	User Name	
Inj Vol		InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	XZL-QCZSG-p.d	ACQ Method		Comment		Acquired Time	9/15/2014 8:16:45 PM



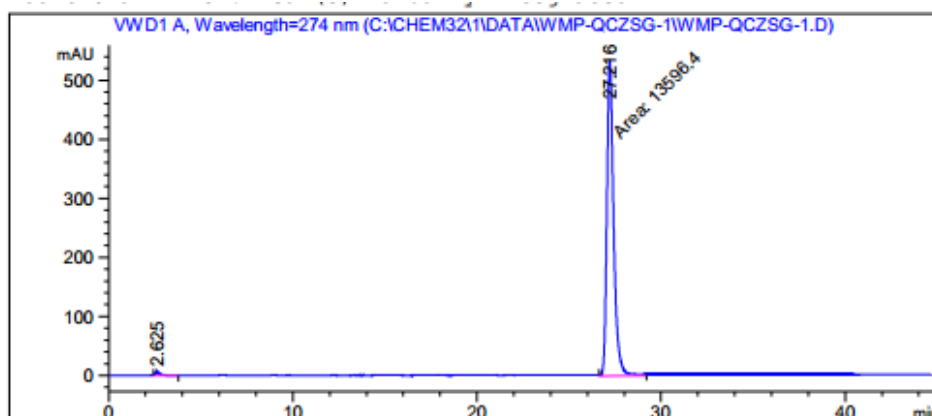
MS Formula Results: + Scan (22.9 sec) (XZL-QCZSG-p.d)

m/z	Ion	Formula	Abundance
461.108	(M+H) ⁺	C22 H21 O11	109079.3

Best	Formula (M)	Ion Formula	Calc. m/z	Score	Cross Score	Mass	Calc. Mass	Diff (ppm)	Abn. Diff (ppm)	Abund. Match	Spacing Match	Mass Match	m/z	DBE
<input checked="" type="checkbox"/>	C22 H20 O11	C22 H21 O11	461.1078	99.35		460.1007	460.1006	-0.3	0.3	99.58	97.97	99.91	461.108	13
<input type="checkbox"/>	C23 H16 N4 O7	C23 H17 N4 O7	461.1092	94.98		460.1007	460.1019	2.6	2.6	97.03	95.65	93.41	461.108	18
<input type="checkbox"/>	C19 H12 N10 O5	C19 H13 N10 O5	461.1065	92.55		460.1007	460.0992	-3.26	3.26	99.5	88.59	89.86	461.108	19

Supplementary Fig S1. HRMS Analysis

HRMS (ESI): m/z, calculated for C₂₂H₂₀O₁₁, 461.1078 (M + H)⁺, found 461.1080.



=====
 Area Percent Report
 =====

Sorted By : Retention Time
 Multiplier: : 1.0000
 Dilution: : 1.0000
 Sample Amount: : 1.00000 [Mg/ML] (not used in calc.)
 Use Multiplier & Dilution Factor with ISTDs

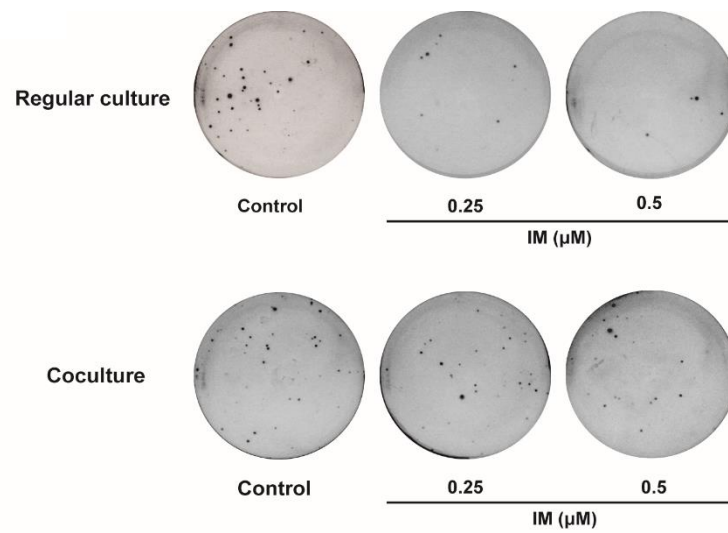
Signal 1: VWD1 A, Wavelength=274 nm

Peak #	RetTime [min]	Sig	Type	Area [mAU*s]	Height [mAU]	Area %
1	2.625	1	VB	99.85452	7.95564	0.7291
2	27.216	1	MM	1.35964e4	533.74548	99.2709

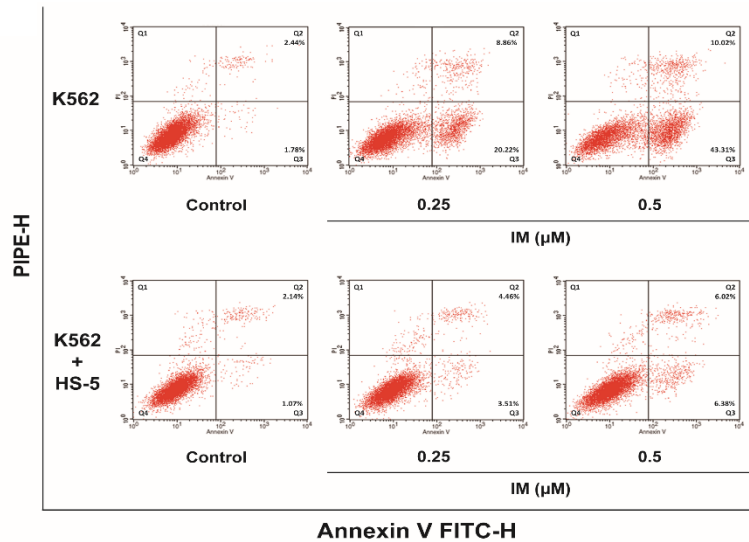
Supplemental Fig. S2 HPLC Analysis

HPCL Purity>99.0 %

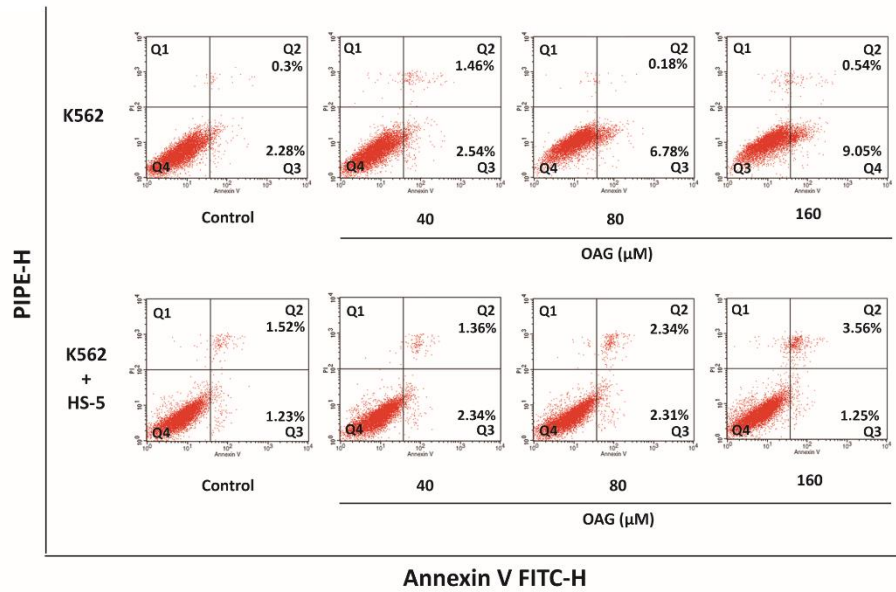
The purity (> 99.0%) of final compounds is verified by the HPLC study performed on Agilent C18 (4.6 mm×150 mm, 3.5 µm) column using a mixture of solvent methanol/water at the flow rate of 1.0 mL/min and peak detection at 274 nm under UV.



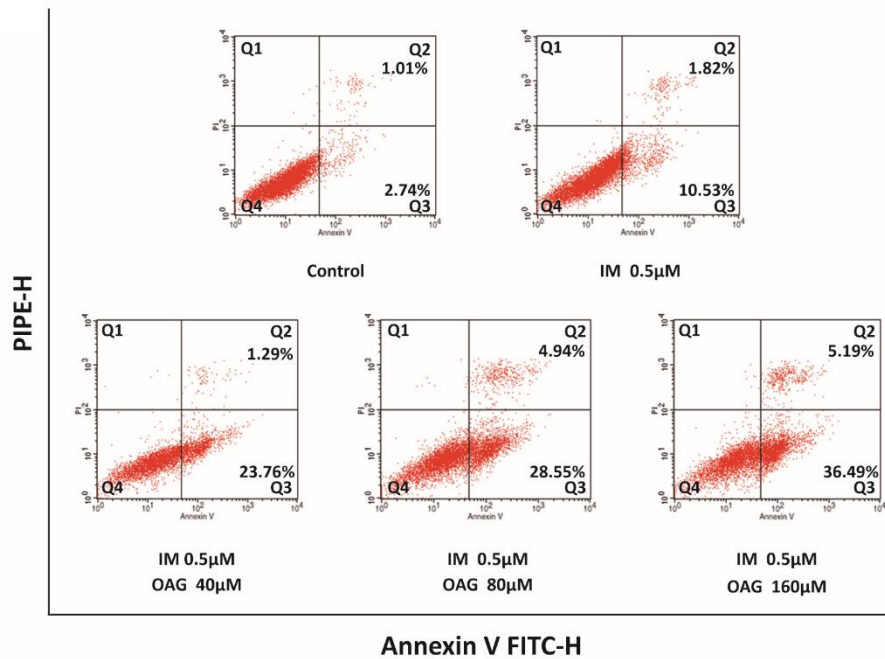
Supplemental Fig. S3A Soft agar colony formation experiment was performed to ascertain the IM inhibition effect.



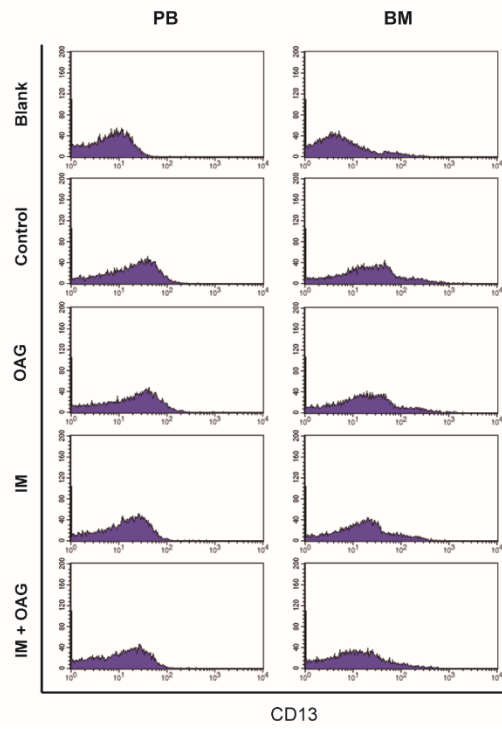
Supplemental Fig. S3B Annexin V/PI double-staining assay of the toxicity of IM in coculture or not analyzed by flow cytometry.



Supplemental Fig. S4A AnnexinV/PI double-staining assay of the intrinsic toxicity of OAG (40, 80, and 160μM) was analyzed by flow cytometry.



Supplemental Fig. S4B AnnexinV/PI double-staining assay of the toxicity of OAG (40, 80, and 160μM) and/or IM (0.5μM) was analyzed by flow cytometry.



Supplemental Fig. S5 The expression of CD13 in PB and BM samples from tree mice of each group.