Fig. 3

(a) Time (minutes) 0 15 30 60 0 15 30 60
p-JNK1/2 JNK1/2 p-ERK1/2 ERK1/2
p-p38α p38α

(b) iNOS Col1α2 α-SMA TIMP-1 G3PDH

Ratio of phospho-MAPK/ total MAPK (% of control)

Ratio of related genes/ G3PDH (% of control)

TNF-α (10 ng/ml)  +  +  +  +  +  +  +  +  
armepavine (10 μM)  -  -  -  -  +  +  +  +  

DMSO (0.1%)  +  +  +  +  +  +  +  +  
NAC (mM)  -  -  5  -  -  -  -  

TNF-α (10 ng/ml)  -  +  +  +  +  +  +  +  
armepavine (μM)  -  -  -  1  3  10  -  -  

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