**Additional file 1:**

**Assessment of inflammation due to cold stress**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Control | Model | AF(15mg/kg) | AF(30mg/kg) |
| Body weight (g) | 296.01±9.97 | 267.63±11.39# | 282.63±10.38\* | 291.13±5.82\* |
| Lung wet weight (g) | 2.52±0.09 | 2.70±0.09# | 2.69±0.10 | 2.48±0.05\* |
| Lung/ body weight | 0.85% | 1.01%# | 0.95% | 0.85%\* |
| Food intake (g) | 24.25g±1.49 | 17.25g±1.04# | 21.75±2.61\* | 23.63±1.19\* |
| Tail cyanosis Occurrence | 0/6 | 5/6 | 3/6 | 2/6 |
| Hair state | glossy | lusterless | lusterless | lusterless |

Table Observations of the general state of the rats

\* *P*<0.05 vs. model group, # *P* < 0.05 vs. control group. The data are presented as the means±SD.