Supporting Information to:

Protective Effect of 4-Methoxy-5-hydroxycanthin-6-one, A Natural Alkaloid, on Dextran Sulfate Sodium-Induced Rat Colitis

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Fig. 1S: HPLC of CAN

Agilent 1200 series HPLC system (Agilent) and ChemStation system. Column: Discovery C18 column (4.6×250 mm, 5µm) coupled with C18 pre-column (4×5 mm); Mobile phase: 50% solvent A (methanol) and 50% solvent B (H₃PO₄:H₂O=0.2:100); Temperature of column: 30°C; Flow rate: 1 mL/min; Wave: 254 nm.

Data File C:\CHEM32\DATA\XM\ATAR\071126000001.D
Sample Name: jingsao(sichuan)

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**Acq. Instrument**: Instrument 1
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**Analysis Method**: F:\CHEM32\METHODS\XYP.M
**Last changed**: 7/9/2008 9:37:37 AM by han (modified after loading)

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**Area Percent Report**

**Sorted By**: Signal
**Multiplier**: 1.0000
**Dilution**: 1.0000

Use Multiplier & Dilution Factor with ISTDs

**Signal 1: WVD1 A, Wavelength=254 nm**

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**Totals**: 1450.81645 88.53477

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***End of Report***

Instrument 1 7/9/2008 9:37:46 AM han
Fig. 2S: HPLC of SASP
Agilent 1200 series HPLC system (Agilent) and ChemStation system. Column: Discovery C18 column (4.6×250 mm, 5μm) coupled with C18 pre-column (4×5 mm); Mobile phase: methanol, acetonitrile and water (35 :35 :30); Temperature of column: 30°C; Flow rate: 1 mL/min; Wave: 365 nm.

sta file F:\CHEM32\DATA\SASP\SASP 2008-09-16 16-23-31\0809160002.D
sample Name: SASP

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Area Percent Report

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Dilution: 1.0000
Use Multiplier & Dilution Factor with ISDs

Signal 1: WVD A, Wavelength=365 nm

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Totals: 137.04039 8.09795

Instrument 1 9/17/2008 9:05:20 AM sch
Criteria for scoring disease activity index (DAI)

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<th>Occult or grossrectal bleeding</th>
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<td>Negative</td>
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<tr>
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<td>Loose stool</td>
<td>Negative</td>
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<tr>
<td>2</td>
<td>Loose stool</td>
<td>Haemoccult-positive</td>
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<tr>
<td>3</td>
<td>Diarrhoea</td>
<td>Haemoccult-positive</td>
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<td>4</td>
<td>Diarrhoea</td>
<td>Gross bleeding</td>
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</table>

Disease activity index (DAI) = combined score (stool consistency + bleeding).
* Normal = well-formed pellets; loose stools = pasty stool that does not stick to anus; diarrhoea = liquid stools that stick to anus.