

## Supplementary Information for

### Synthesis and anti-human hepatocellular carcinoma activity of new nitric oxide (NO)-releasing glycosyl derivatives of oleanolic acid

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Tian

#### 1. HPLC conditions and chromatograms of 2-14

##### HPLC conditions:

Column: SHIMADZU ODS 150mm

Mobile phase: methanol: H<sub>2</sub>O = 90: 10 for **2-3**, **5-14**; Methanol: ammonium acetate buffer (25 mmol/L, pH 5.0) = 90: 10 for **4**;

Wavelength: 252 nm;

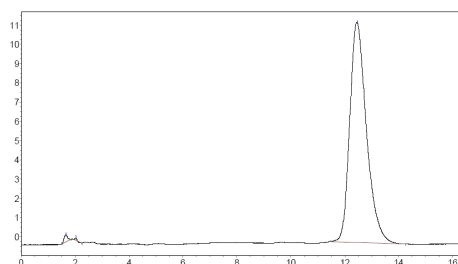
Rate: 1 mL/min;

Temperature: 30 °C;

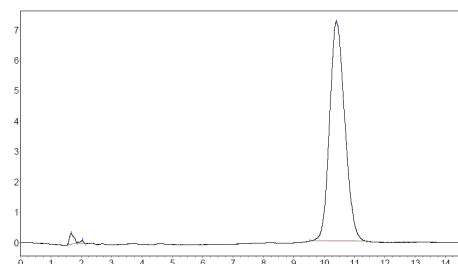
Pressure: 89-122 kgf.

##### HPLC chromatograms:

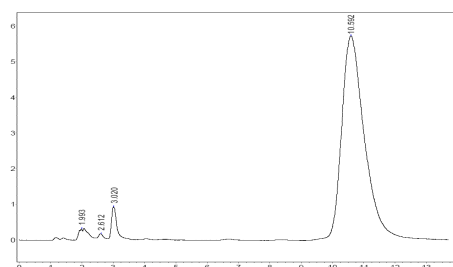
**2**, 99.3%;



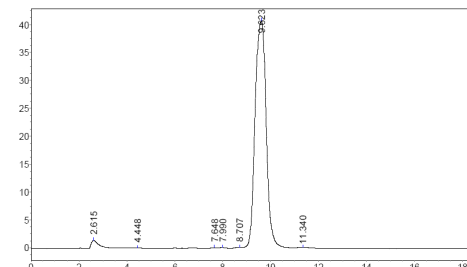
**3**, 98.3%;



**4**, 96.0%;



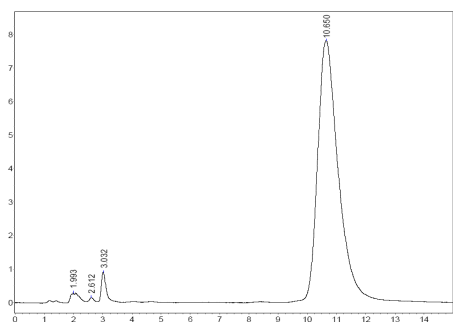
**5**, 96.3%;



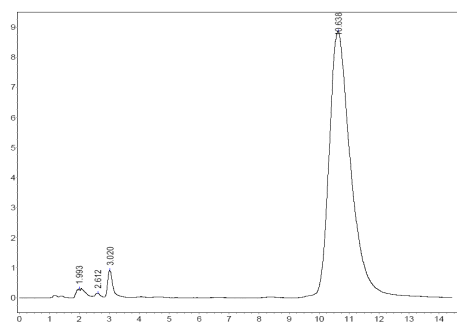
**6**, 96.9%;

**7**, 97.3%;

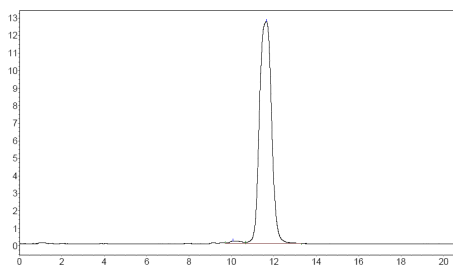
\*\* The results have been patented (CN101402667A)



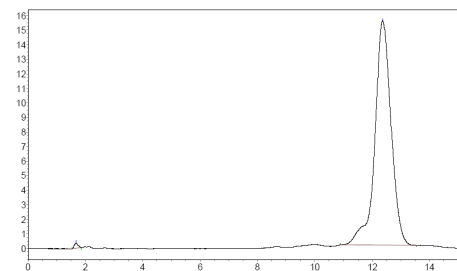
**8, 99.1%;**



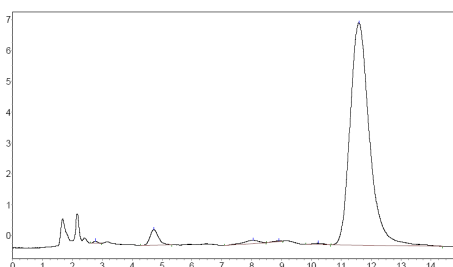
**9, 99.5%;**



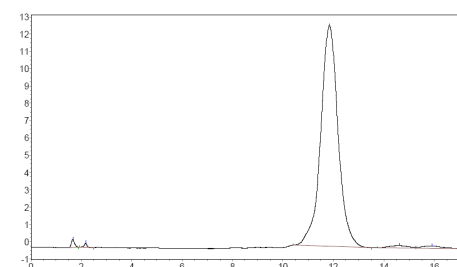
**10, 95.2%;**



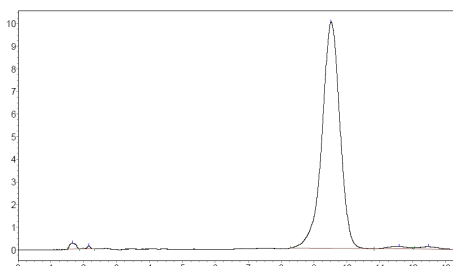
**11, 96.7%;**



**12, 96.5%;**



**13, 99.6%;**



**14, 97.5%;**

