

Recycling Separation of Saponin Group

Instrument: Recycle Preparative HPLC, LC-9201

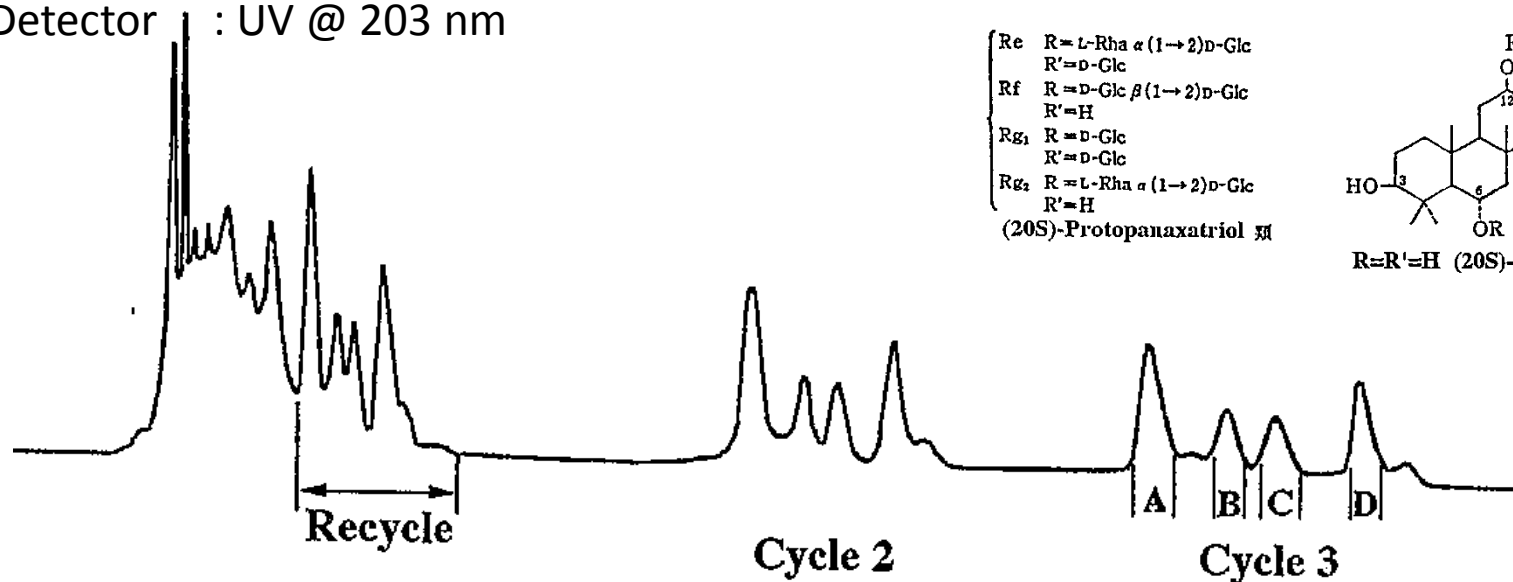
Column : JAIGEL-GS310 x 2 (20φ x 500 mm)

Flow rate : 5mL/min

Eluent : Methanol/ Acetonitrile (50/ 50)

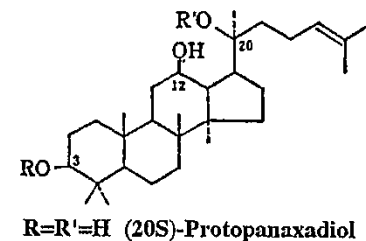
Sample volume : 52 mg / 3 mL

Detector : UV @ 203 nm



Ginenoside Rx

- Rb₁ R = D-Glc β (1→2)D-Glc
R' = D-Glc β (1→6)D-Glc
 - Rb₂ R = D-Glc β (1→2)D-Glc
R' = L-Ara (pyr) α (1→6)D-Glc
 - Rc R = D-Glc β (1→2)D-Glc
R' = L-Ara (fur) α (1→6)D-Glc
 - Rd R = D-Glc β (1→2)D-Glc
R' = D-Glc
- (20S)-Protopanaxadiol 類



- Re R = L-Rha α (1→2)D-Glc
R' = D-Glc
 - Rf R = D-Glc β (1→2)D-Glc
R' = H
 - Rg₁ R = D-Glc
R' = D-Glc
 - Rg₂ R = L-Rha α (1→2)D-Glc
R' = H
- (20S)-Protopanaxatriol 類

