

Ginsenoside RK3 has the potential to exert cardioprotective effects against H/R injury via AKT/Nrf-2/HO-1 and MAPK pathways.^[1]

Ginsenosides Rk3 and Rh4 protect the kidney from cisplatin-induced oxidative injury and help to recover renal function by restoring intrinsic antioxidant defenses.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: 5 mM Ammonium acetate aqueous- H₂O- Acetonitrile, gradient elution ;

Flow rate: 1.5 ml/min;

Column temperature: 30 °C;

The wave length of determination: 203 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Sun J, Sun G, Meng X, *et al. Evid.-based Complement. Alternat. Med.*, 2013, 2013(4): 690190.

[2] Baek S H, Shin B K, Kim N J, *et al. J. Ginseng Res.*, 2016, 1-7.

[3] Qian Z M, Wan J B, Zhang Q W, *et al. J. Pharmaceut. Biomed.*, 2008, 48(5):1361-7.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com