Supporting information

Glycyrrhetinic Acid-decorated and Reduction-sensitive Micelles to Enhance Bioavailability and Anti-hepatocellular Carcinoma Efficacy of Tanshinone IIA

Fengqian Chen¹⁺, Jinming Zhang¹⁺, Yao He², Xiefan Fang³, Yitao Wang¹*, Meiwan Chen¹*

¹ State Key Laboratory of Quality Research in Chinese Medicine, Institute of Chinese Medical Sciences, University of Macau, Macao 999078, China
² Pharmacy College, State Key Laboratory Breeding Base of Systematic Research, Development and Utilization of Chinese Medicine Resources, Chengdu University of Traditional Chinese Medicine, Chengdu, 610075, China.
³ Department of Pediatrics, College of Medicine, University of Florida, Gainesville, FL 32610, USA

† These authors contributed equally to the work

*Correspondence Authors:
Prof. Yitao Wang, Institute of Chinese Medical Sciences, University of Macau, Av. Padre Tomas Pereira S.J., Taipa, Macau, China.
Dr. Meiwan Chen, Institute of Chinese Medical Sciences, University of Macau, Av. Padre Tomas Pereira S.J., Taipa, Macau, China.
E-mail address: ytwang@umac.mo, mwchen@umac.mo
Result

1. Molecular weight of polymer

Fig S1. GPC trace of GA-PEG-SS-PLGA polymer with tetrahydrofuran as elution phase

2. Stability of micelles

Fig S2. Storage stability of GA-PEG-SS-PLGA micelles in both PBS and serum

3. Stability of TAN IIA in presence of DTT

Fig S3. HPLC spectra of TAN IIA with or without the presence of 10 mM DTT