Improved Stability and Targeting Cytotoxicity of Epigallocatechin-3-Gallate Palmitate for Anticancer Therapy

Xuerui Chen, ^{#,1,2} Bingbing Liu,^{#,1} Rongliang Tong,³ Shiping Ding,⁴ Jian Wu,³ Qunfang Lei^{*,1} Wenjun Fang^{*,1}

1. Department of Chemistry, Zhejiang University, Hangzhou 310027, China

2. School of Medicine, Shanghai University, Shanghai 200444, China

3. Division of Hepatobiliary and Pancreatic Surgery, Department of Surgery, First Affiliated Hospital, School of Medicine, Zhejiang University, Hangzhou 310003, China.

4. The National Education Base for Basic Medical Sciences, Zhejiang University School of Medicine, Zhejiang University, Hangzhou 310058, China

[#] Contributed equally as first authors.

Corresponding Author

E-mail: fwjun@zju.edu.cn (WenJun Fang). Telephone: +86 571 88981416. Fax: +86-571-88981416.

E-mail: qflei@zju.edu.cn (QunFang Lei). Telephone: +86 571 88208913. Fax: +86-571-88208913.

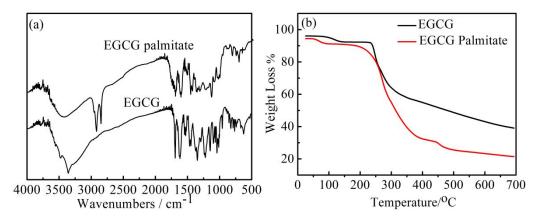


Figure S1 (a) IR spectra for EGCG and EGCG palmitate; (b) TGA curves for EGCG

and EGCG plamitate;