

## High electron transfer capacity of thio-derivatives of tea catechins measured with a water soluble stable free radical and effects on colon cancer cells

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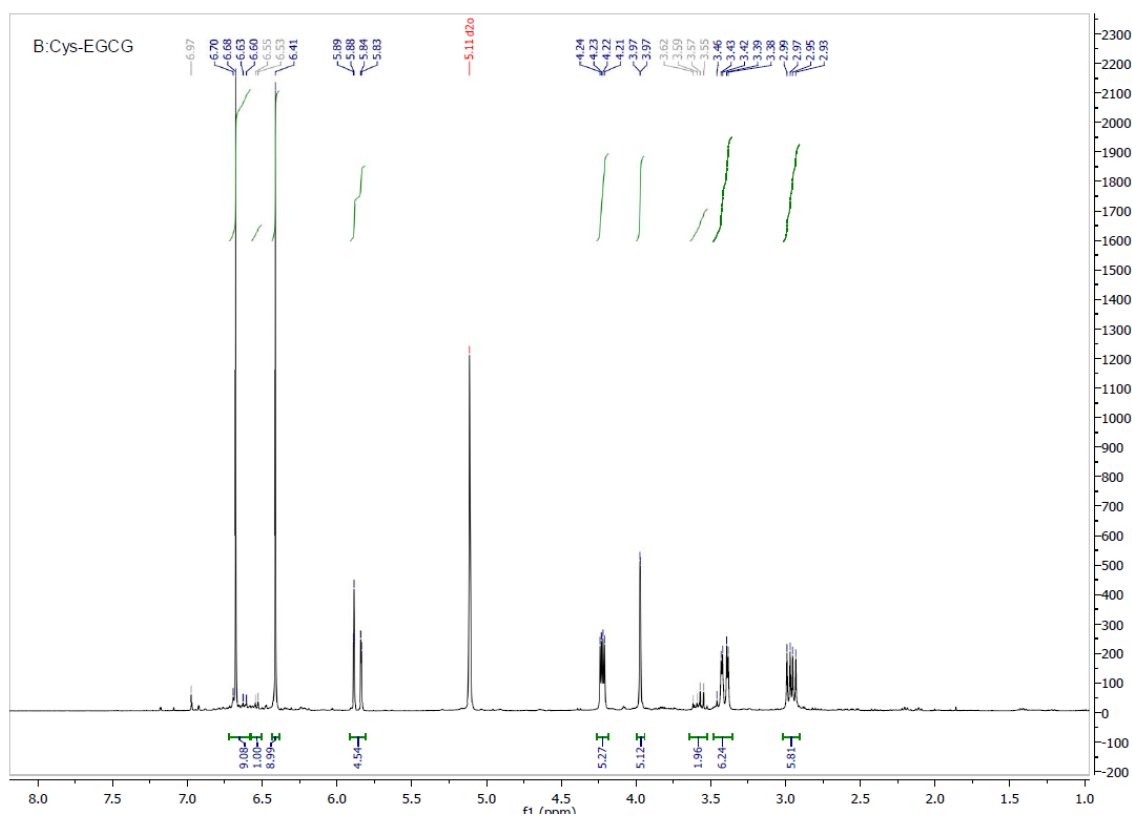
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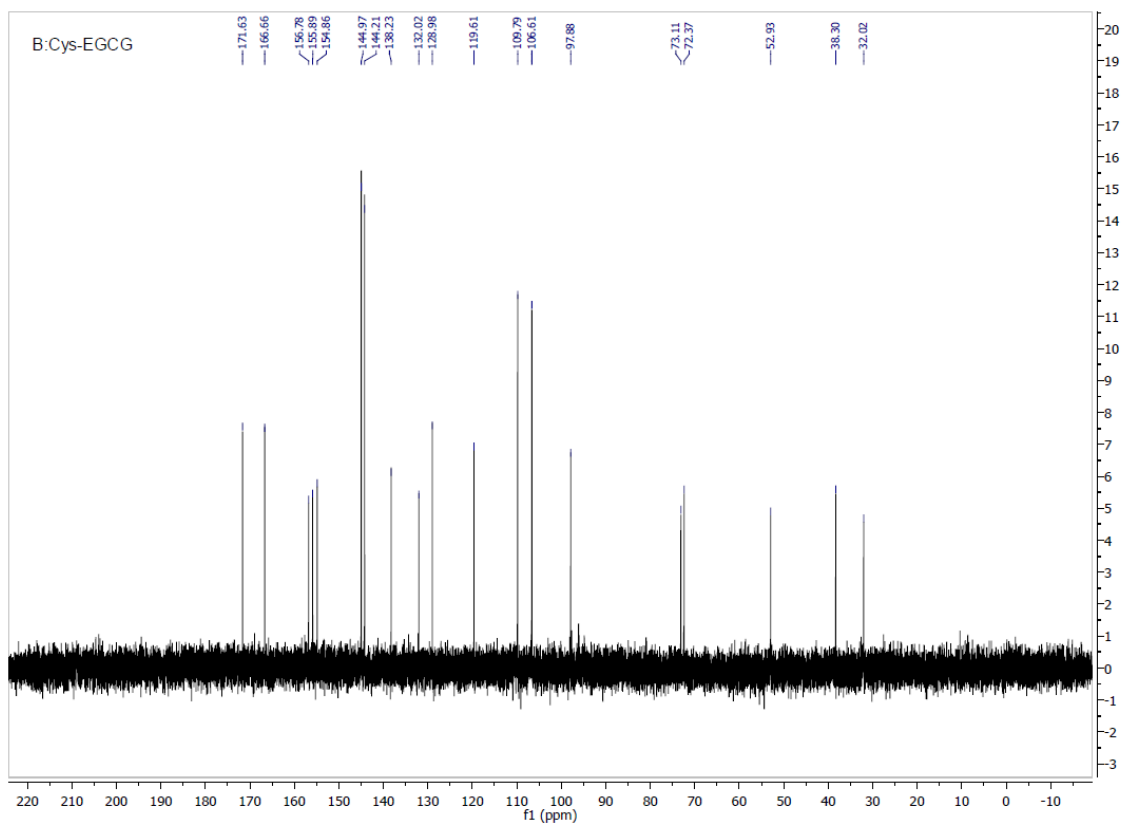
<sup>†</sup> A.C. and J.A.M. contributed equally to this work.

### SUPPLEMENTARY MATERIAL

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<sup>1</sup> H NMR (D <sub>2</sub> O, 400 MHz) of <b>5</b>	<u>e</u> 2
<sup>13</sup> C NMR (CD <sub>3</sub> OD, 400 MHz) of <b>5</b>	2
<sup>1</sup> H NMR (D <sub>2</sub> O, 400 MHz) of <b>7</b>	3
<sup>13</sup> C NMR (CD <sub>3</sub> OD, 400 MHz) of <b>7</b>	3
HRMS of <b>5</b> and <b>7</b>	4



**Figure S1.**  $^1\text{H}$  NMR spectrum of Cys-EGCG (5)



**Figure S2.**  $^{13}\text{C}$  NMR spectrum of EGCG (5)

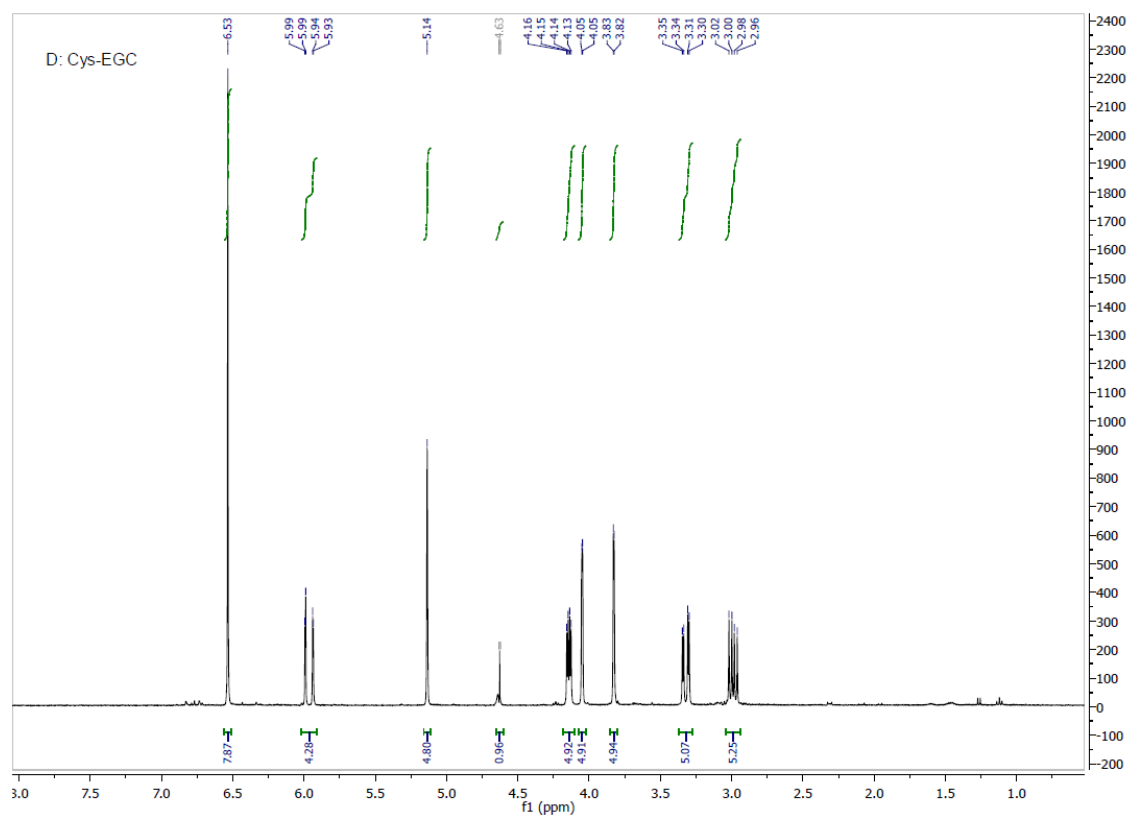


Figure S3. <sup>1</sup>H NMR spectrum of Cys-EGC (7)

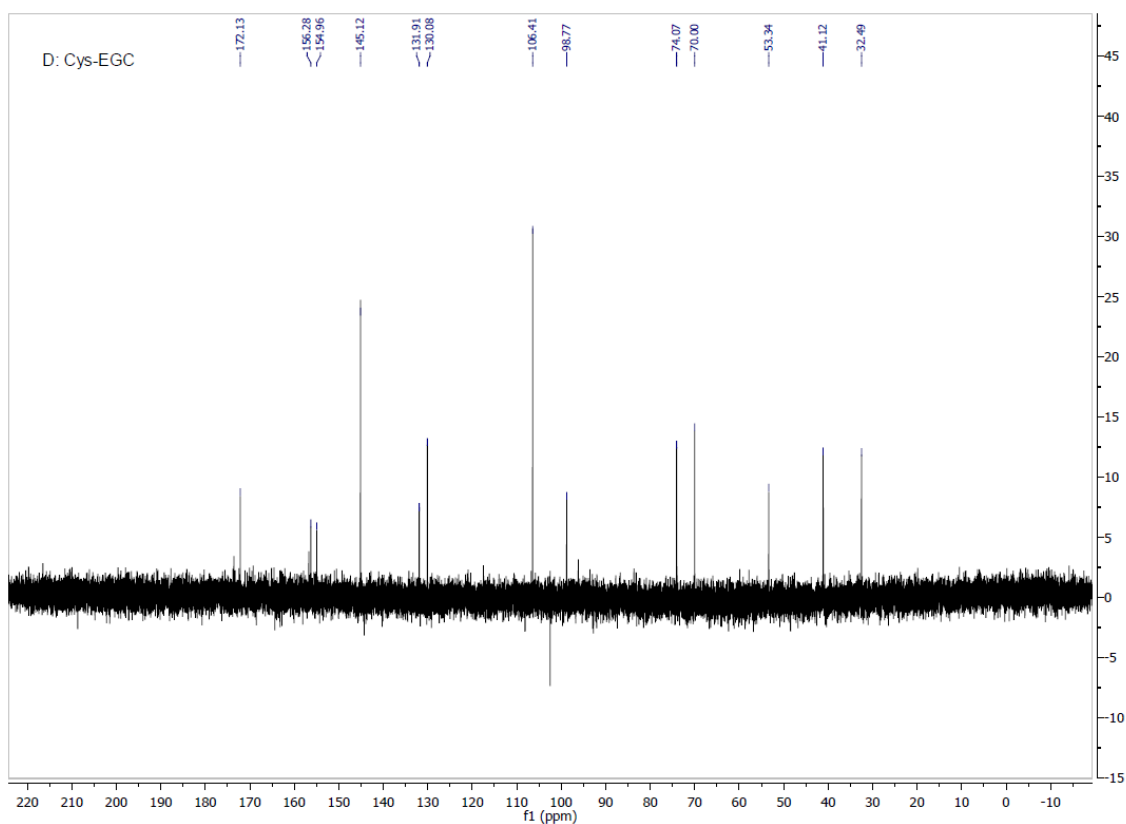
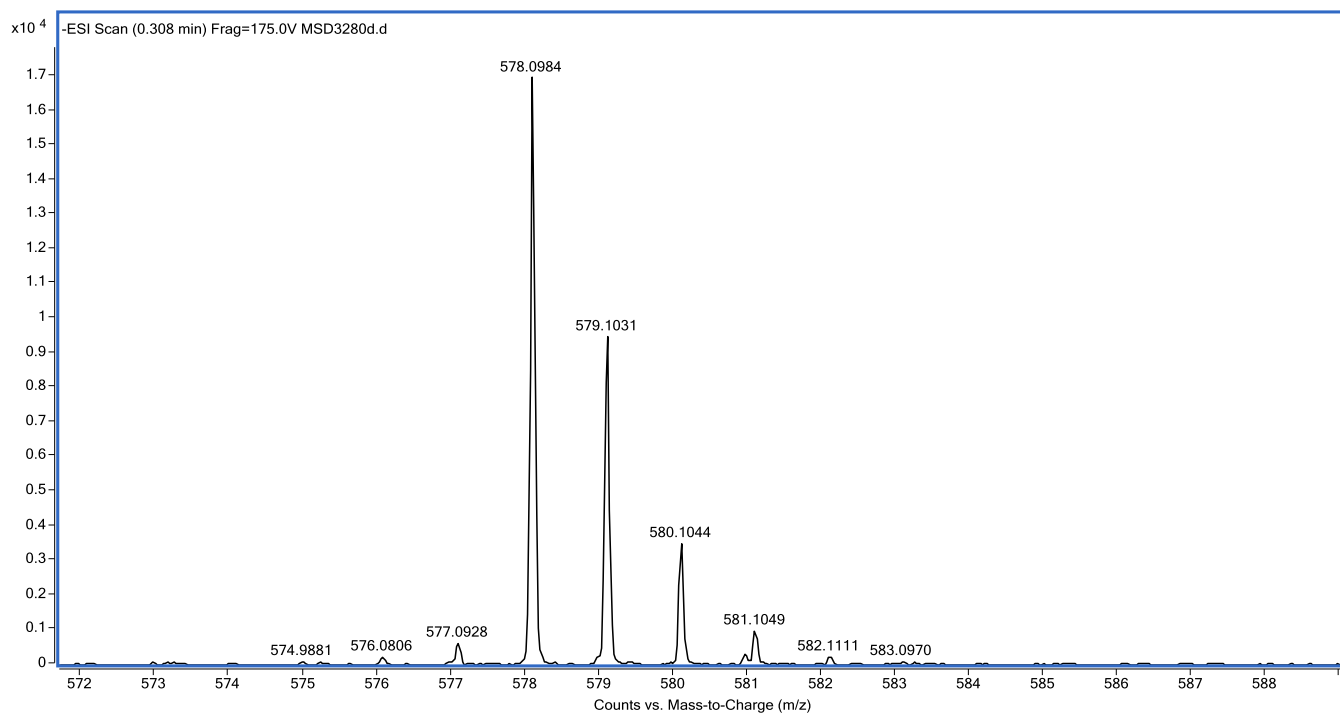
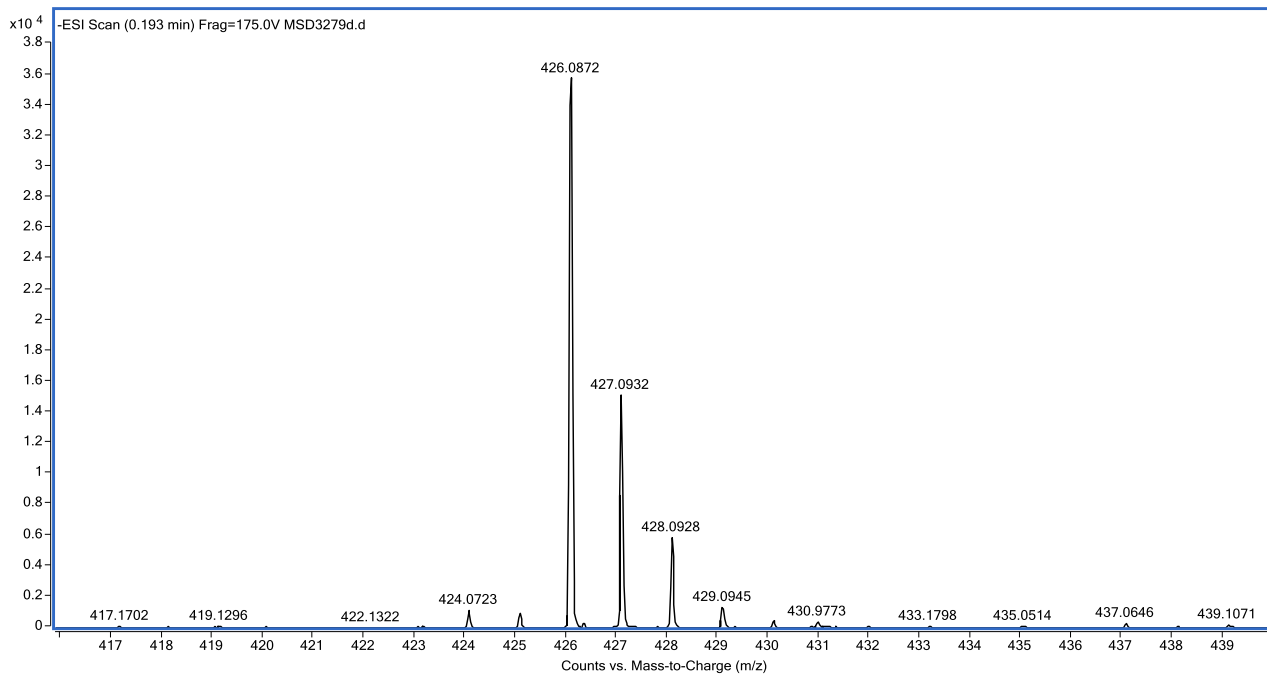


Figure S4. <sup>13</sup>C NMR spectrum of EGC (7)



**Figure S5. HRMS of Cys-EGCG (5)**



**Figure S6. HRMS of Cys-EGC (7)**