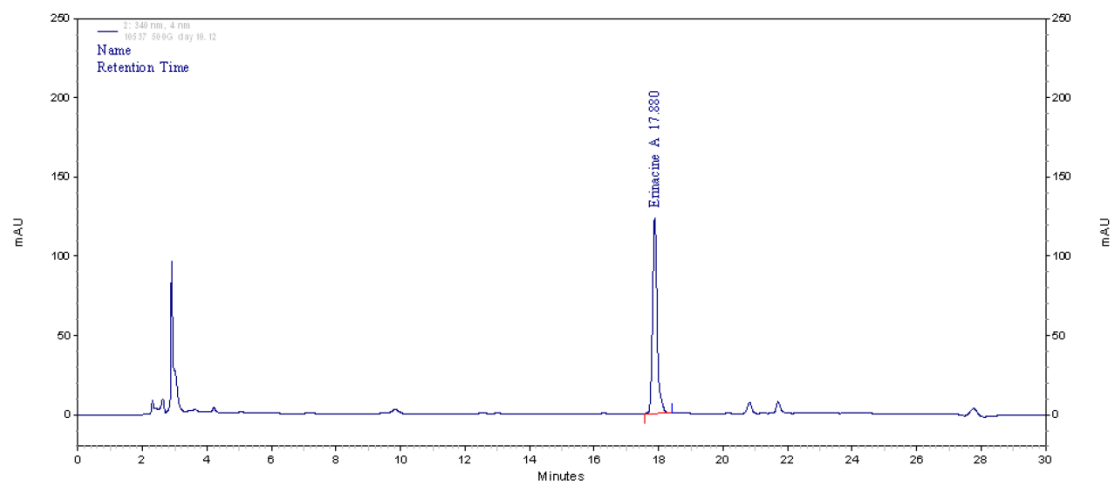


## Supplementary Material

**Table S1.** Proximate composition (g/100g) of freeze-dried EAHE mycelium.

<b>Proximate composition</b>	<b>Freeze-dried EAHE</b>
Moisture	5.23 ± 0.24
Ash	10.20 ± 1.12
Crude Protein	26.57 ± 0.86
Crude Fat	12.47 ± 2.61
Carbohydrate	45.53 ± 3.48

Average ± SD, n=3



**Figure S1.** The HPLC chromatograms of the ethanol extract of erinacine A-enriched *H. erinaceus* mycelium from 20-ton bioreactor (UV detection at 340nm). Retention time of erinacine A is 17.880 min.