

Supplementary Material

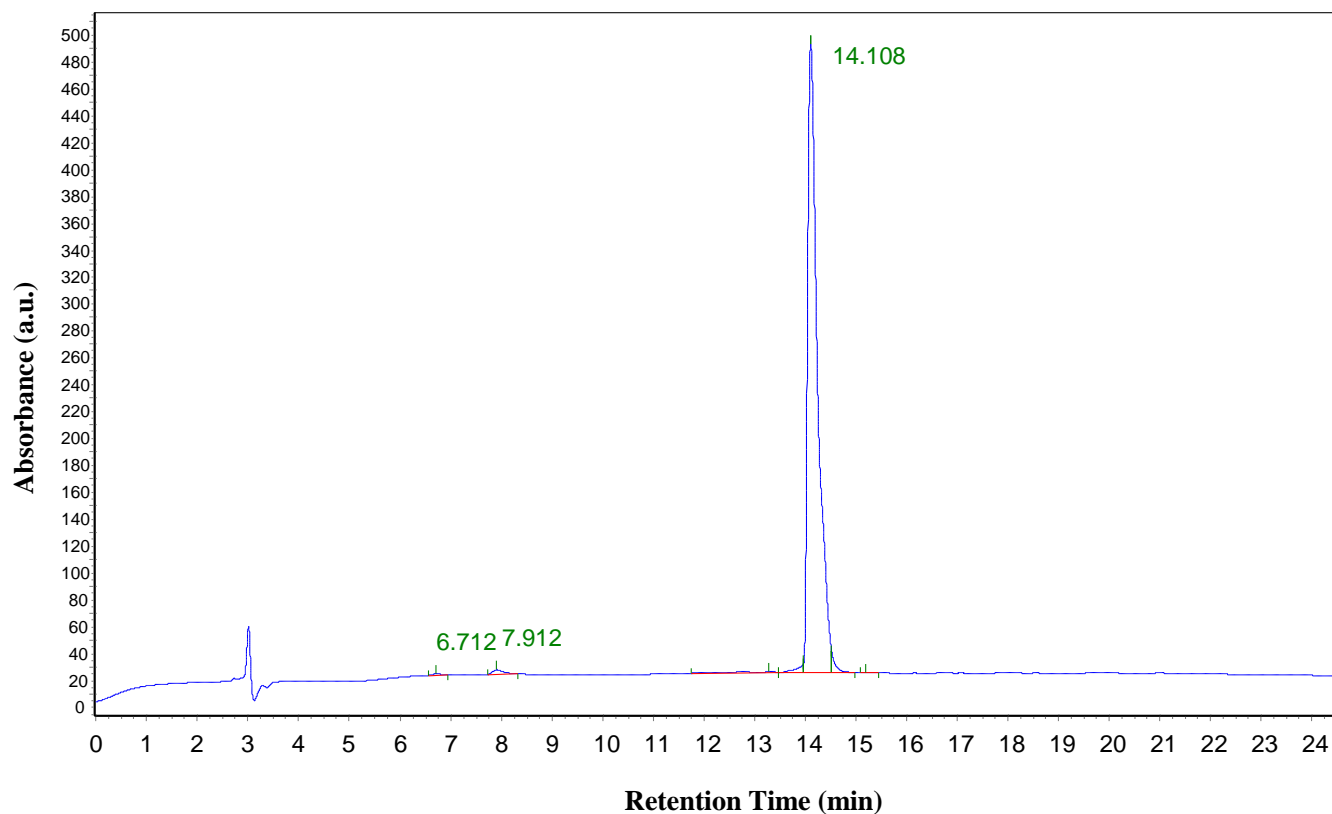


Fig. 1S. A Chromatogram of the transitions of the peptide EF-5. The peak at retention time of 14.108 min is the product peak. Column eluate was monitored at 220 nm and a flow rate of 1 ml/min with 0.1% Trifluoroacetic Acid in 100% Acetonitrile. EF-5 has a purity of 96.25%.

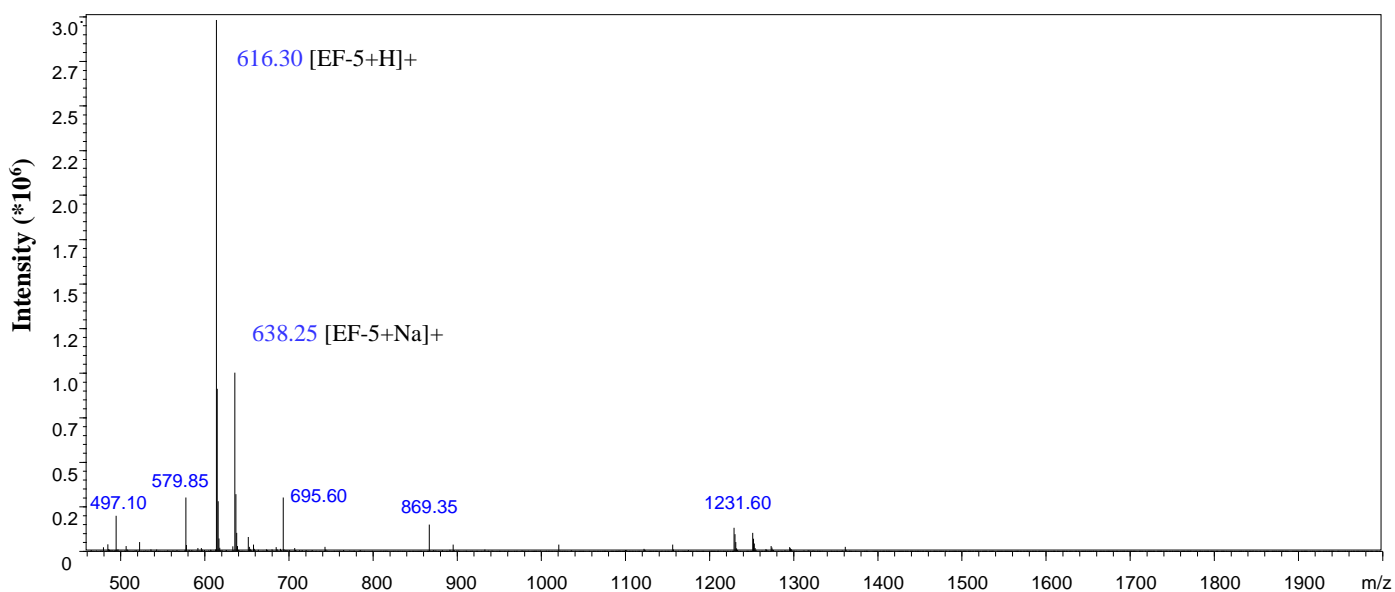


Fig. S2. ESI/Mass spectrometry indicating that the peptide EF-5 has a molecular weight of 615.3.

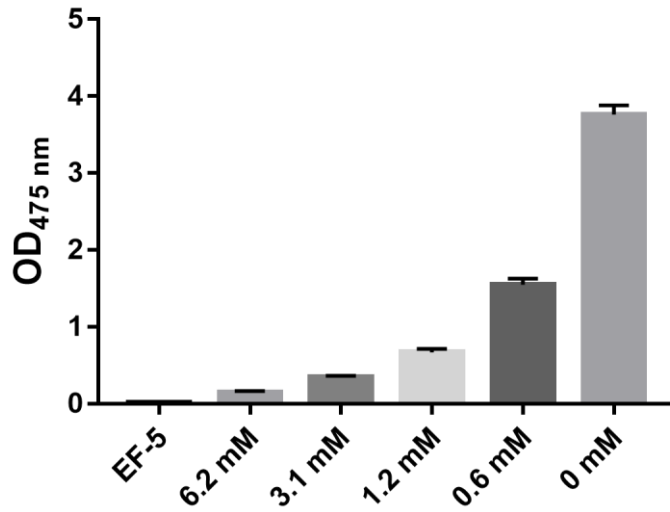


Fig. S3. The OD values at 475 nm of the solutions shown in Fig. 1A after storage for 12 months. Error bars represent S.D. N=3.

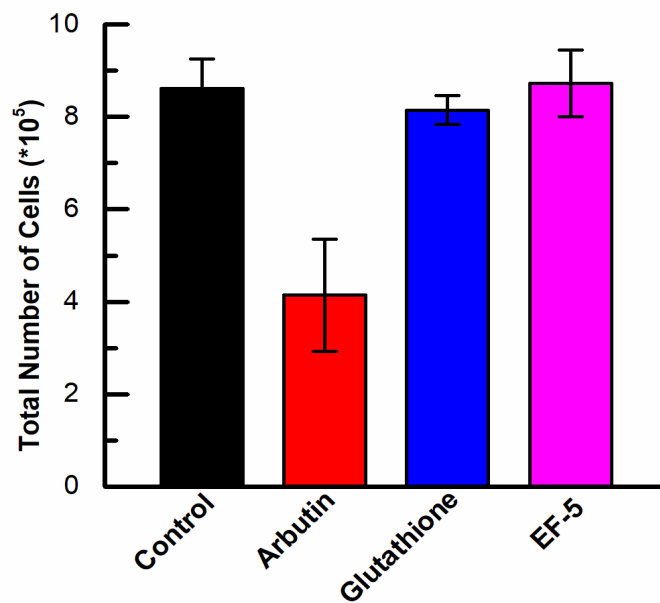


Fig. S4. Total number of proliferated melanoma cells in the presence of different tyrosinase inhibitors. The concentration of each inhibitor is 2.5 mM. Error bars represent S.D. N=3.