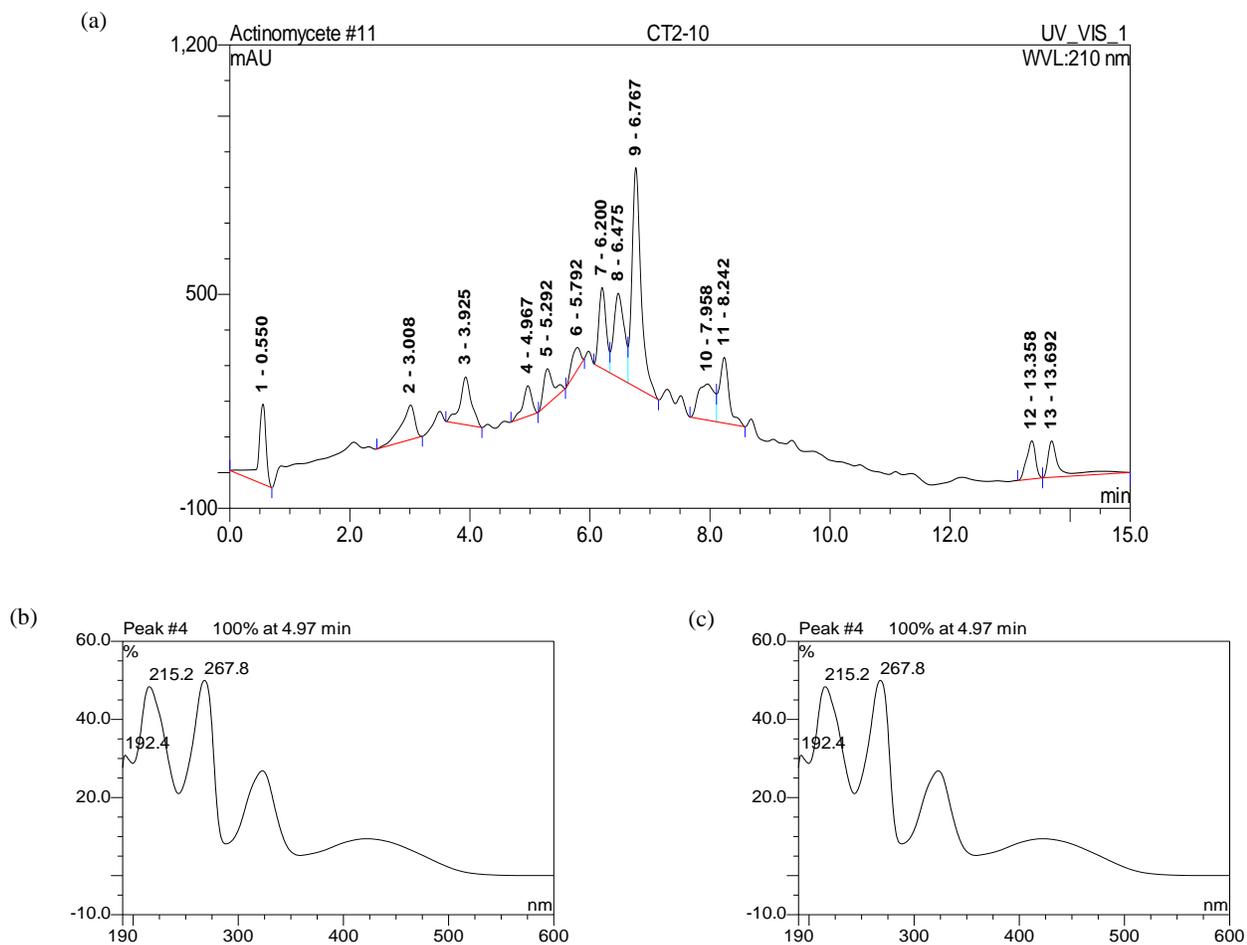
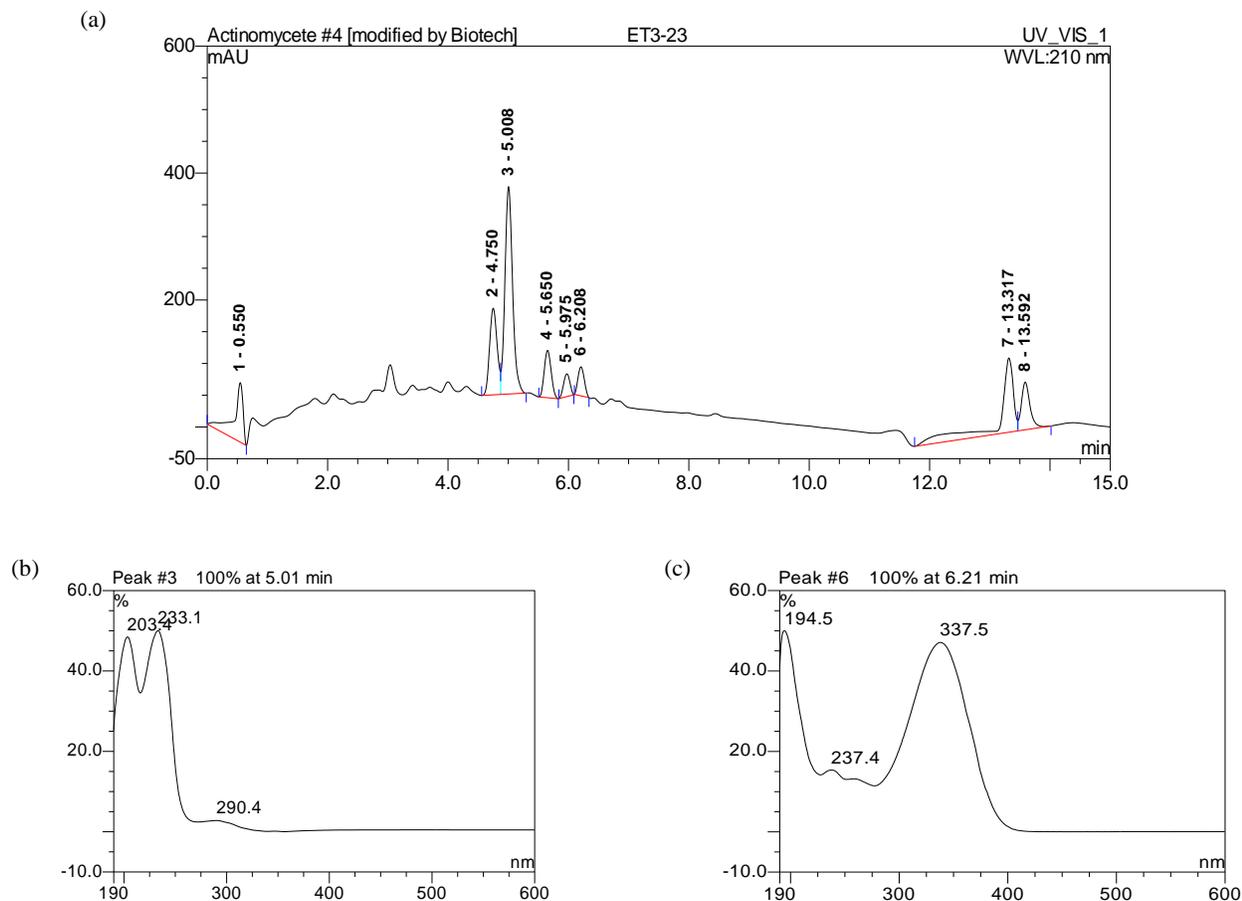


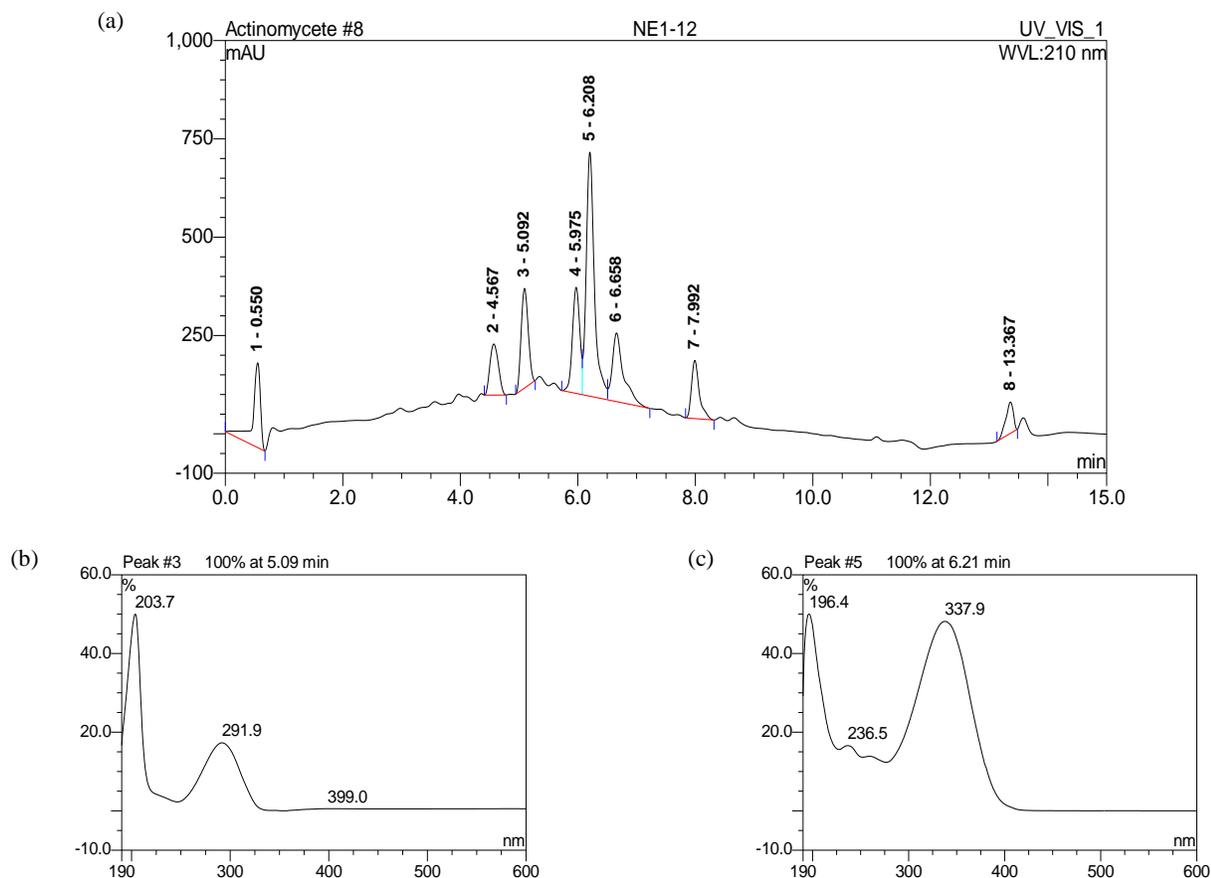
## Supplementary data

Antioxidant Activity and Suppression of Intracellular Radical Generation of *Streptomyces* Strains and Genome Analysis of Strain ET3-23

**Figure S1.** HPLC chromatogram of ethyl acetate crude extract of *Streptomyces* sp. CT2-10 (a), UV profiles of peaks at  $t_R$  4.97 min (b) and  $t_R$  6.77 min (c). HPLC condition: Purospher column RP-18 from Merck, mobile phase: 0-100% acetonitrile in water and flow rate: 0.5 mL/min.



**Figure S2.** HPLC chromatograms of ethyl acetate crude extract of *Streptomyces* sp. ET3-23 (a) and UV profiles of peaks at  $t_R$  5.01 min (b) and  $t_R$  6.21 min (c). HPLC condition: Purospher column RP-18 from Merck, mobile phase: 0-100% acetonitrile in water and flow rate: 0.5 mL/min.



**Figure S3.** HPLC chromatogram of ethyl acetate crude extract of *Streptomyces* sp. NE1-12 (a) and UV profiles of peaks at  $t_R$  5.09 mins (b) and  $t_R$  6.21 mins (c). HPLC condition: Purospher column RP-18 from Merck, mobile phase: 0-100% acetonitrile in water and flow rate: 0.5 mL/min.

**Table S1.** Genomic statistics of strain ET3-23

Attribute			
Genome size (bp)	8,121,874	No of coding sequences	7718
G+C content (%)	71.46	RNA genes	79
N50	362,883	AN1b (%)	77.96
No. of contigs	106	Aligned (%)	23.43

**Table S2.** Retention time (min) and UV spectrum (nm) of *Streptomyces* strains CT2-10, ET3-23 and NE1-12

Sample No.	$t_{R_{UV254}}$ (min)	UV spectrum ( $\lambda_{max}$ , nm)	Sample No.	$t_{R_{UV254}}$ (min)	UV spectrum ( $\lambda_{max}$ , nm)	Sample No.	$t_{R_{UV254}}$ (min)	UV spectrum ( $\lambda_{max}$ , nm)
CT2-10	0.55	195	ET3-23	0.55	209, 299, 362	NE1-12	0.55	194, 292
	3.01	191		4.75	204, 231, 303		4.57	202, 238, 290
	3.92	206, 249, 372		5.01	203, 233, 290		5.09	203, 291
	4.97	192, 215, 267, 325		5.65	202, 232, 313		5.97	194, 340
	5.29	192, 215, 267, 325		5.97	195, 233, 343		6.21	196, 236, 337
	6.20	192, 224, 265		6.21	194, 237, 337		6.66	193, 305
	6.47	203, 239		13.32	222		7.99	196
	6.77	192, 215, 267, 325		13.59	210		13.37	221
	7.96	219, 238, 306						