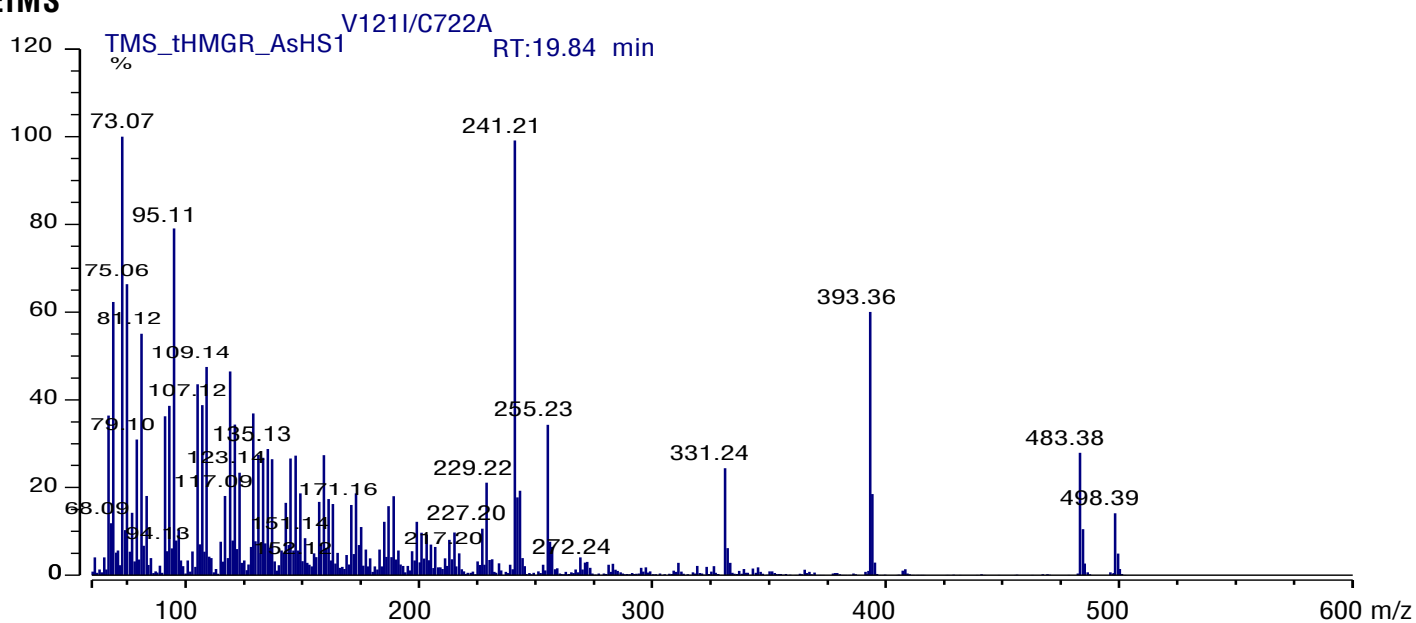
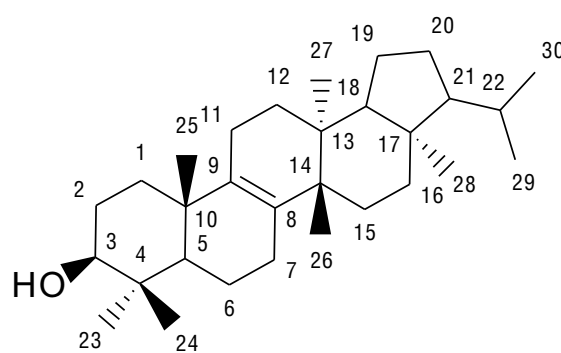
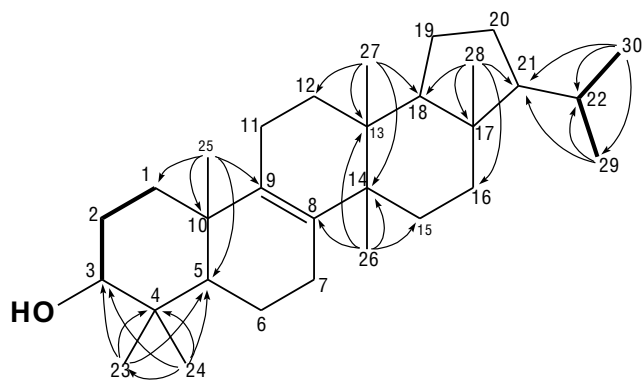


Supplementary Data 3. Spectroscopic data of isomtiol generated by AsHS2^{V1211/C722A}

EIMS



NMR data



key HMBC (H→C) and ¹H-¹H COSY
(—)Correlations of isomtiol

isomtiol

NO.	δ_H	δ_C	NO.	δ_H	δ_C	NO.	δ_H	δ_C
1	1.47 m, 1.66 m	36.05	11	1.27 m, 1.40 m	20.50	21	0.98 m	59.91
2	1.59 m, 1.69 m	28.13	12	1.34 m, 1.71 m	27.07	22	1.46 m	30.89
3	3.24 dd (11.9, 3.5)	79.14	13	/	36.83	23	1.00 s	28.20
4	/	39.02	14	/	41.18	24	0.76 s	15.92
5	1.08 m	50.55	15	1.26 m, 1.42 m	30.37	25	0.95 s	20.34
6	1.39 m, 1.71 m	19.25	16	1.19 m, 1.80 m	35.47	26	0.89 s	22.20
7	1.20 m, 1.83 m	28.49	17	/	43.01	27	0.80 s	15.67
8	/	134.28	18	1.53 m	52.84	28	0.77 s	14.76
9	/	134.38	19	1.85 m, 2.09 m	19.03	29	0.95 s	22.26
10	/	37.70	20	1.97 m, 2.17 m	27.34	30	0.83 s	23.12

