

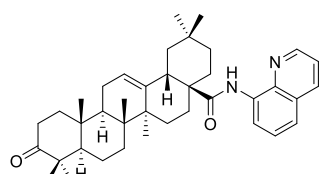
Supplementary data

# Synthesis of 8-aminoquinoline amides of ursonic and oleanonic acid

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oleanonic acid 8-aminoquinoline amide **3a**

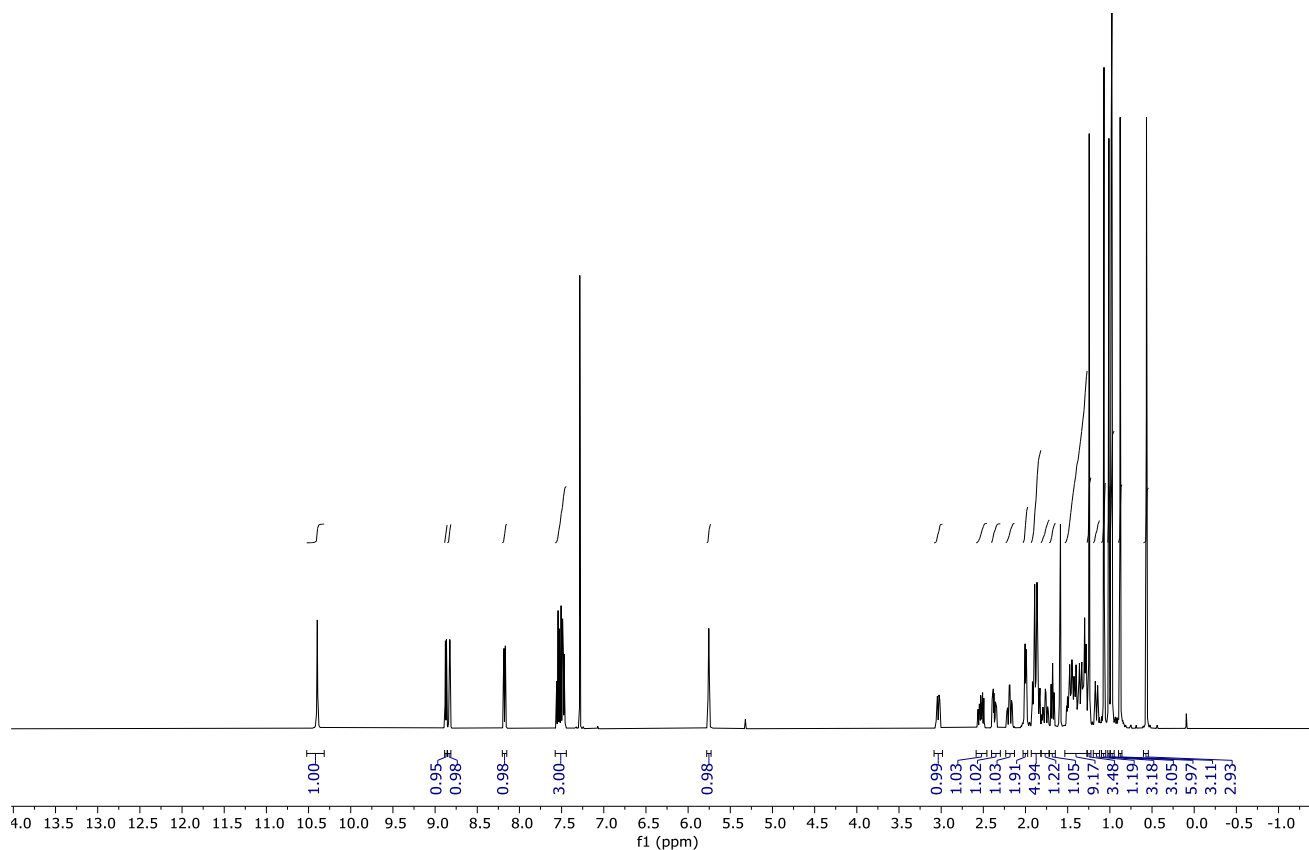


Figure S1. <sup>1</sup>H-NMR spectrum of **3a**

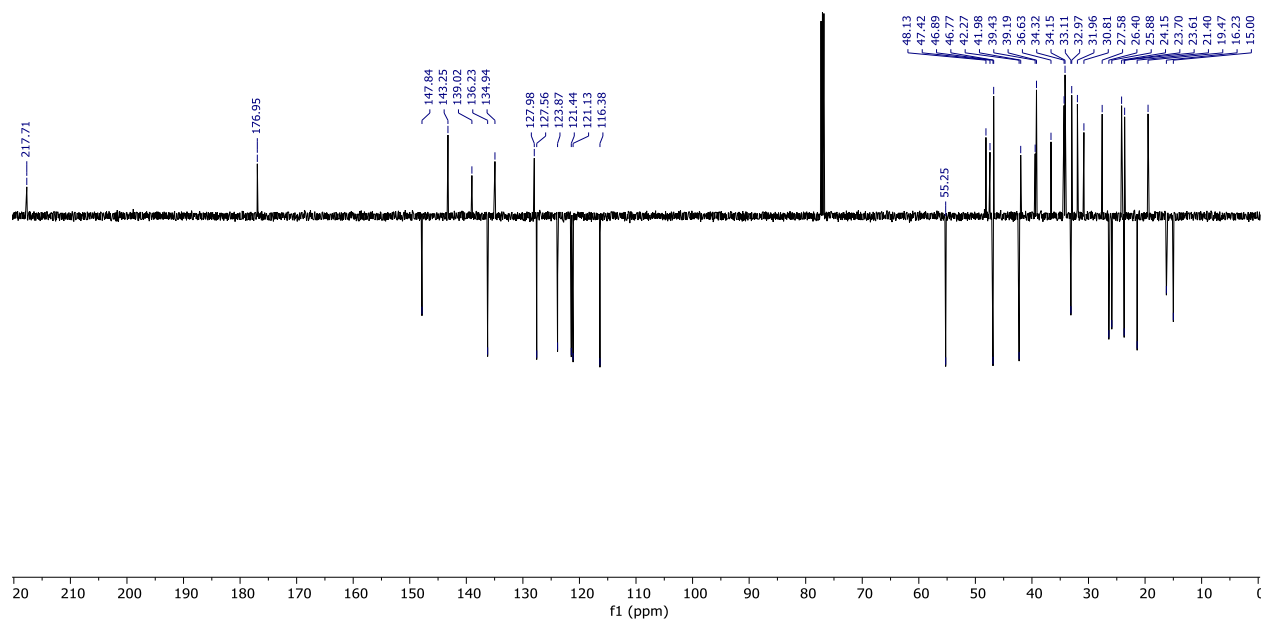


Figure S2.  $^{13}\text{C}$ -NMR spectrum 3a

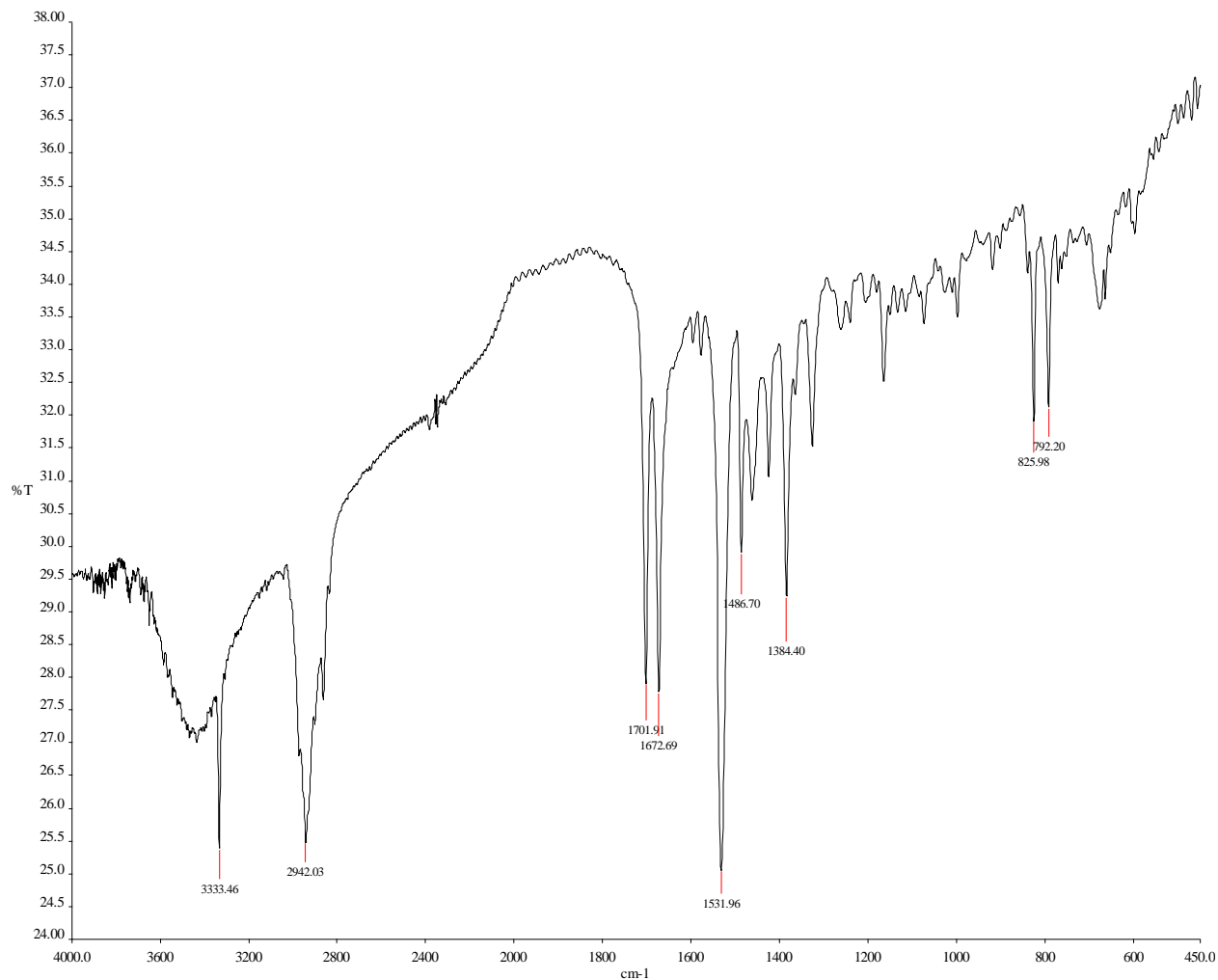
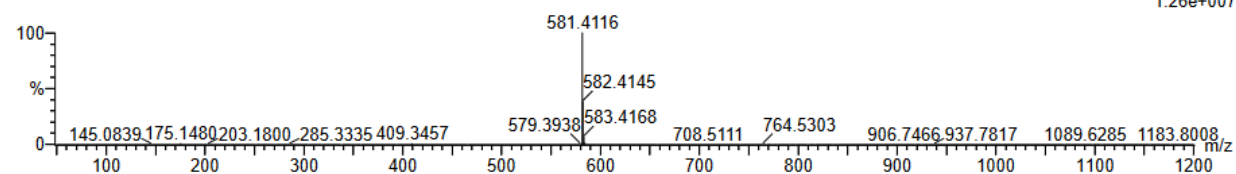


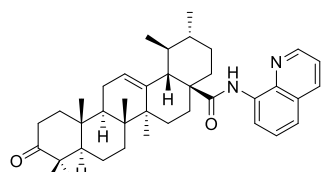
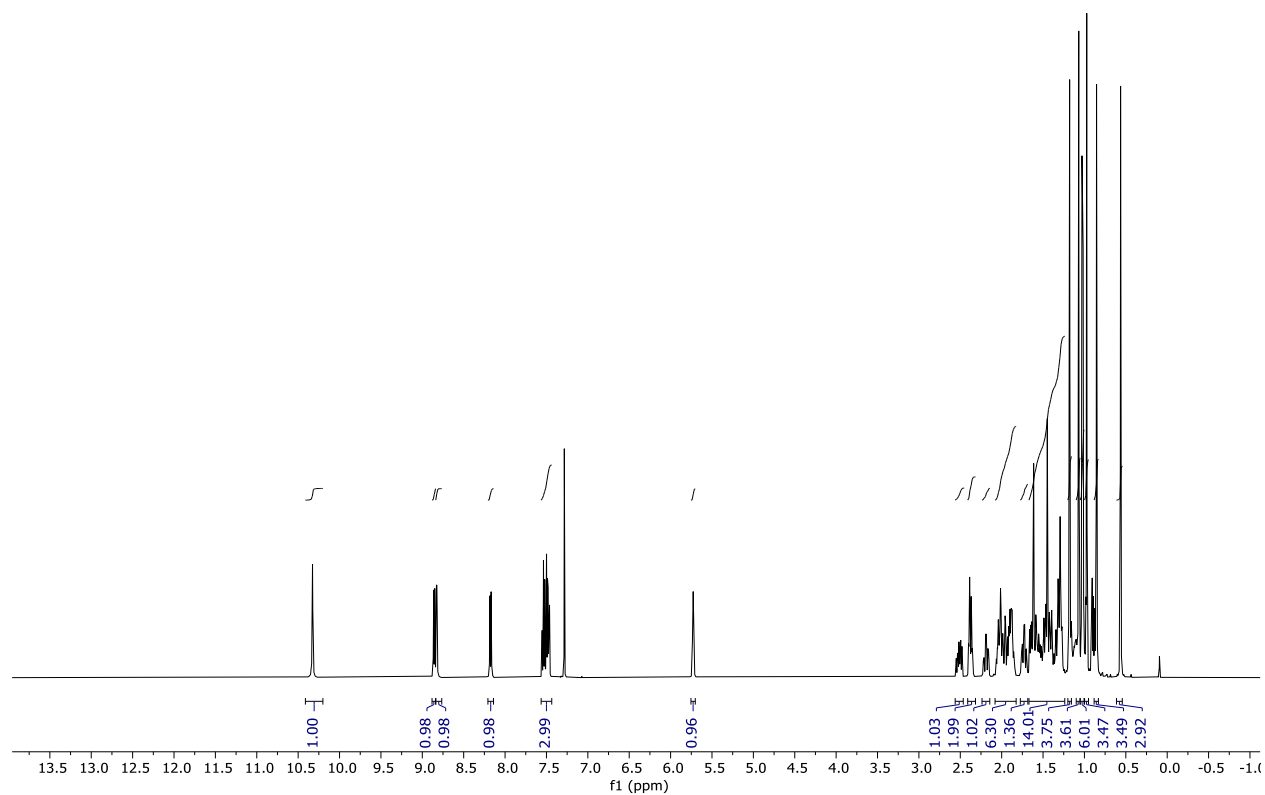
Figure S3. IR spectrum of 3a

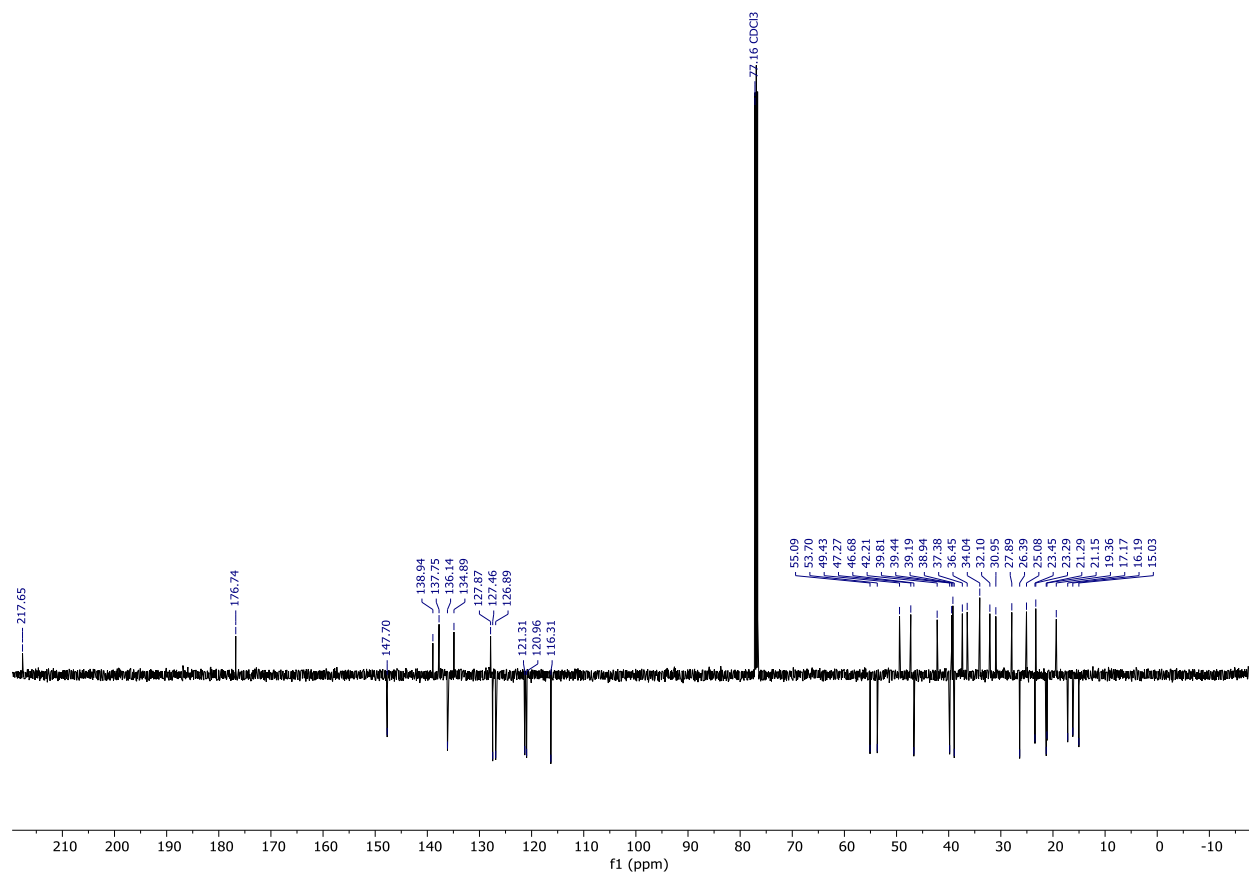
HRMS\_2022\_04\_759 3482 (9.719) Cm (3472:3513-3386:3418)

1: TOF MS ES+  
1.26e+007

Minimum:	80.00				-1.5				
Maximum:	100.00		2.0	5.0	200.0				
Mass	RA	Calc. Mass	mDa	PPM	DBE	i-FIT	Norm	Conf (%)	Formula
581.4116	100.00	581.4107	0.9	1.5	14.5	1312.2	n/a	n/a	C39 H53 N2 O2

Figure S4. Mass spectrum of 3a

ursonic acid 8-aminoquinoline amide **3b**Figure S5.  $^1\text{H}$ -NMR spectrum of **3b**

Figure S6. <sup>13</sup>C-NMR spectrum of **3b**

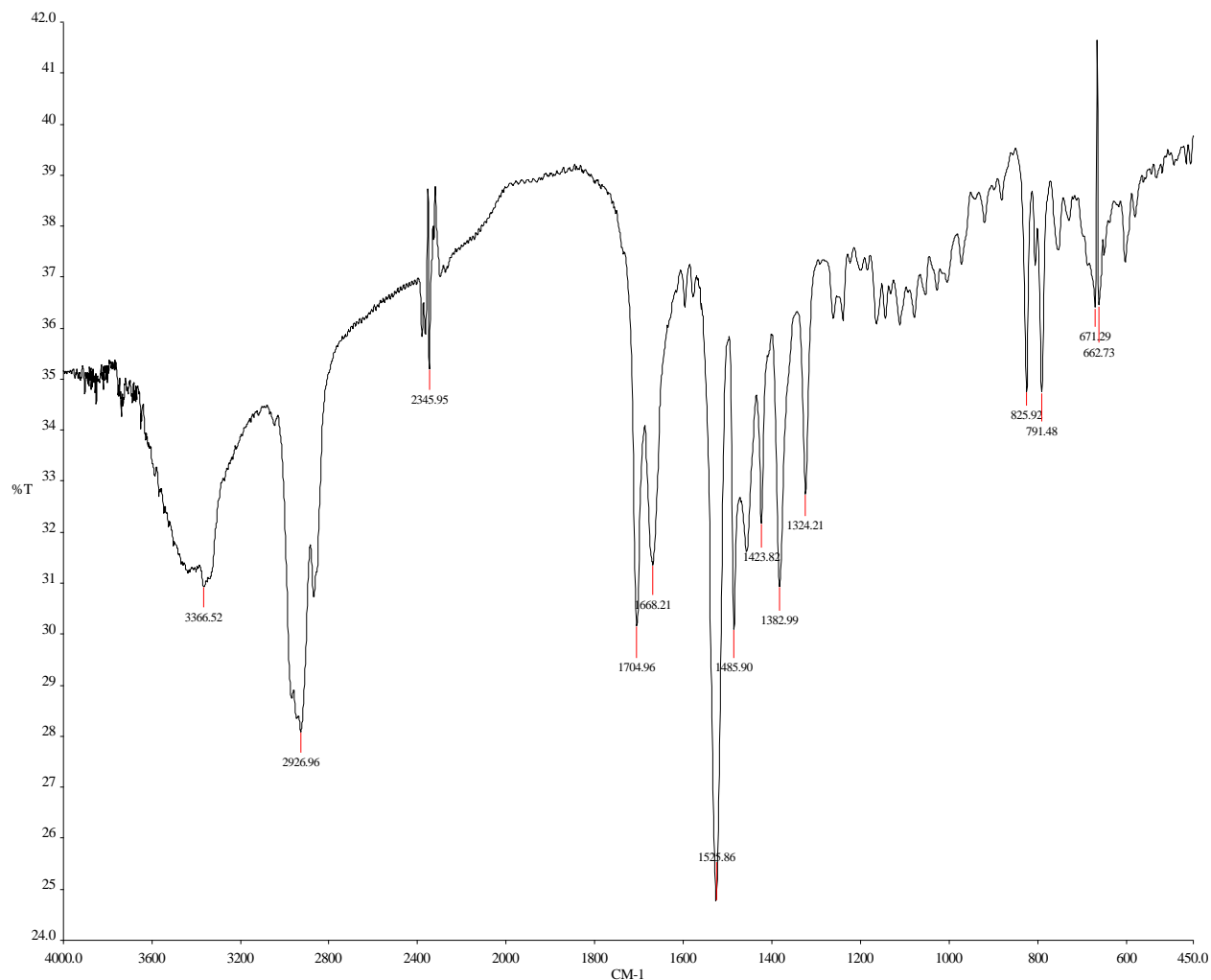
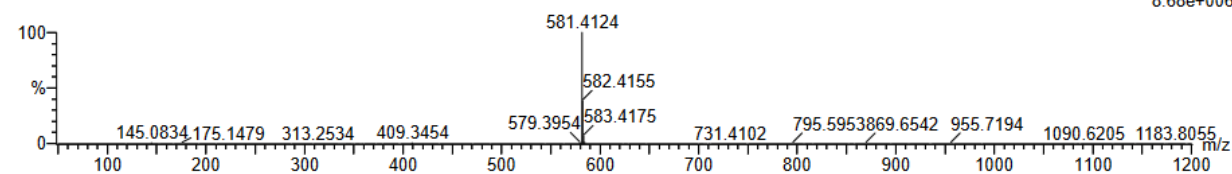


Figure S7. IR spectrum of 3b

HRMS\_2022\_04\_757 3481 (9.716) Cm (3481:3512-3402:3434)

1: TOF MS ES+  
8.68e+006

Minimum: 80.00  
Maximum: 100.00

Mass	RA	Calc. Mass	mDa	PPM	DBE	i-FIT	Norm	Conf(%)	Formula
581.4124	100.00	581.4107	1.7	2.9	14.5	1241.6	0.007	99.29	C <sub>39</sub> H <sub>53</sub> N <sub>2</sub> O <sub>2</sub>
		581.4147	-2.3	-4.0	18.5	1246.5	4.951	0.71	C <sub>44</sub> H <sub>53</sub>

Figure S8. Mass spectrum of 3b