

Supplementary Materials: Novel Silyl Ether-Based Acid-Cleavable Antibody-MMAE Conjugates with Appropriate Stability and Efficacy

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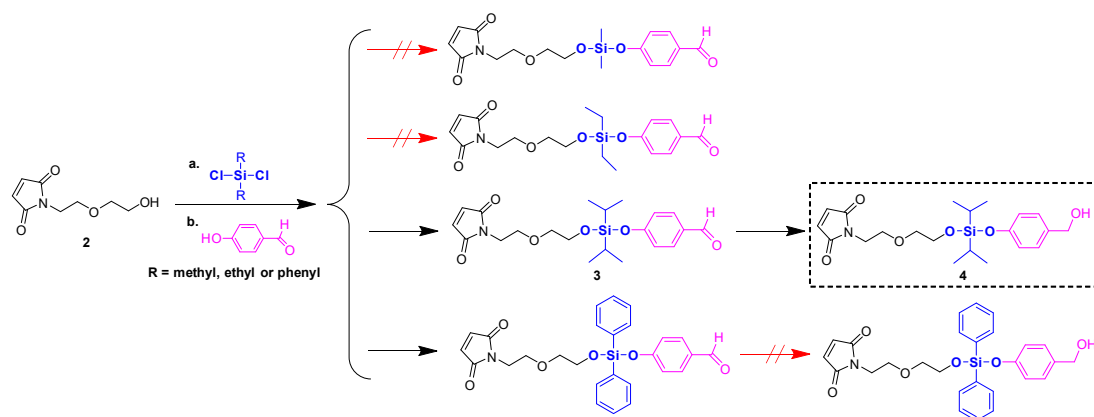


Figure S1. Synthesis and screening process of key intermediates of the designed silyl ether-based acid-cleavable linker.

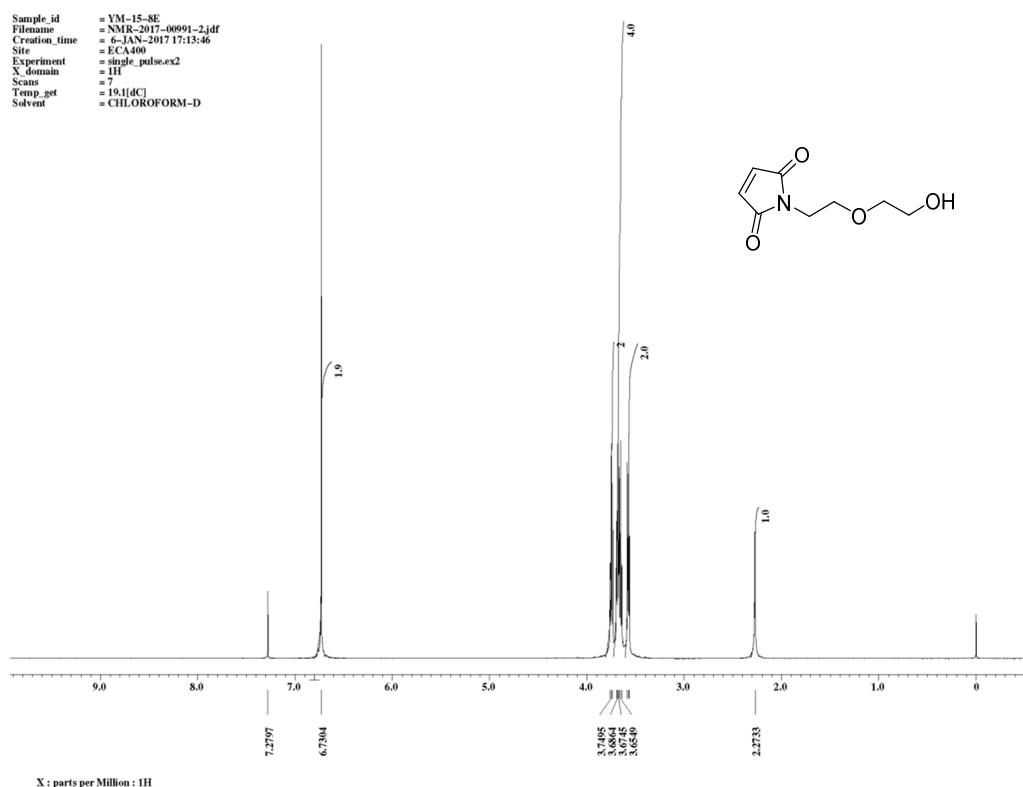


Figure S2. ¹H-NMR spectrometry of compound 2.

Qualitative Analysis Report

Data Filename	4067.d	Sample Name	YM-15-8E
Instrument Name	TOF G6230A	Acquired Time	2018-07-23
Acq Method	YCLM	Acquired SW	6200 series TOF/6500 series
IRM Calibration Status	Success		
User Chromatograms			

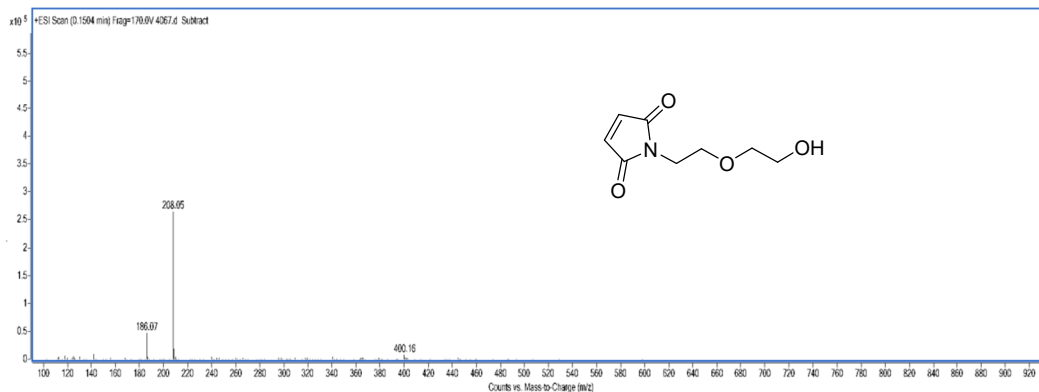
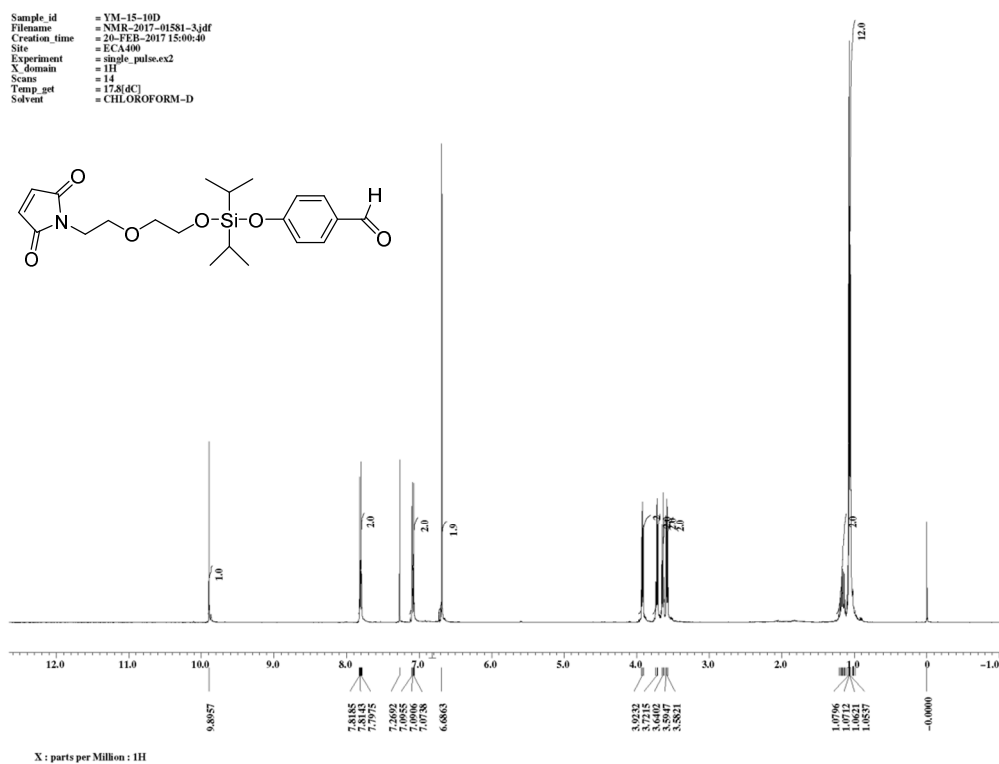
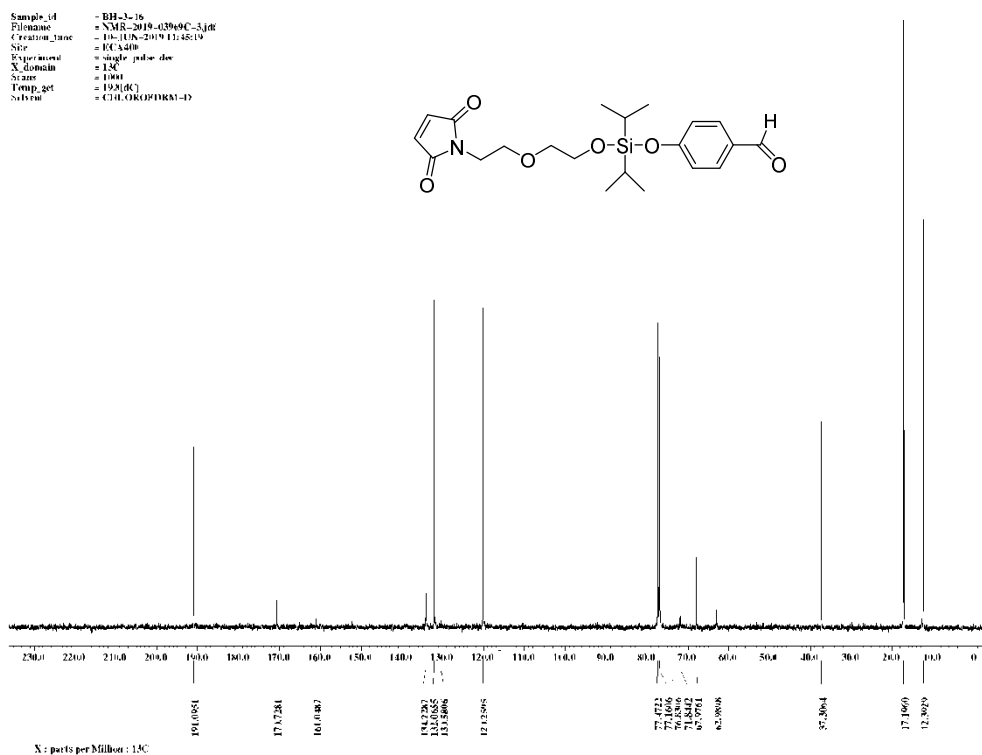


Figure S3. Mass spectrometry of compound 2.

Figure S4. ¹H-NMR spectrometry of compound 3.

Figure S5. ¹³C-NMR spectrometry of compound 3.

Qualitative Analysis Report

Data Filename	3954.d	Sample Name	BH-3-16
Instrument Name	TOF G6230A	Acquired Time	2019-06-10
Acq Method	YCLM	Acquired SW	6200 series TOF/6500 series
IRM Calibration Status	Success		
User Chromatograms			

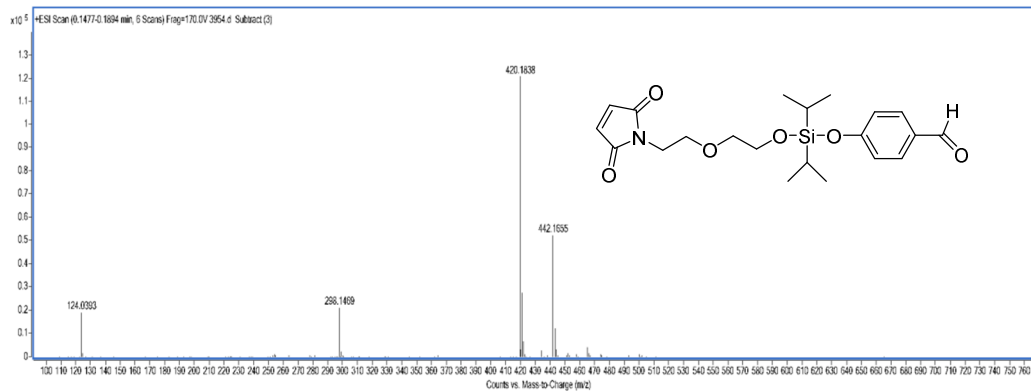


Figure S6. High resolution mass spectrometer of compound 3.

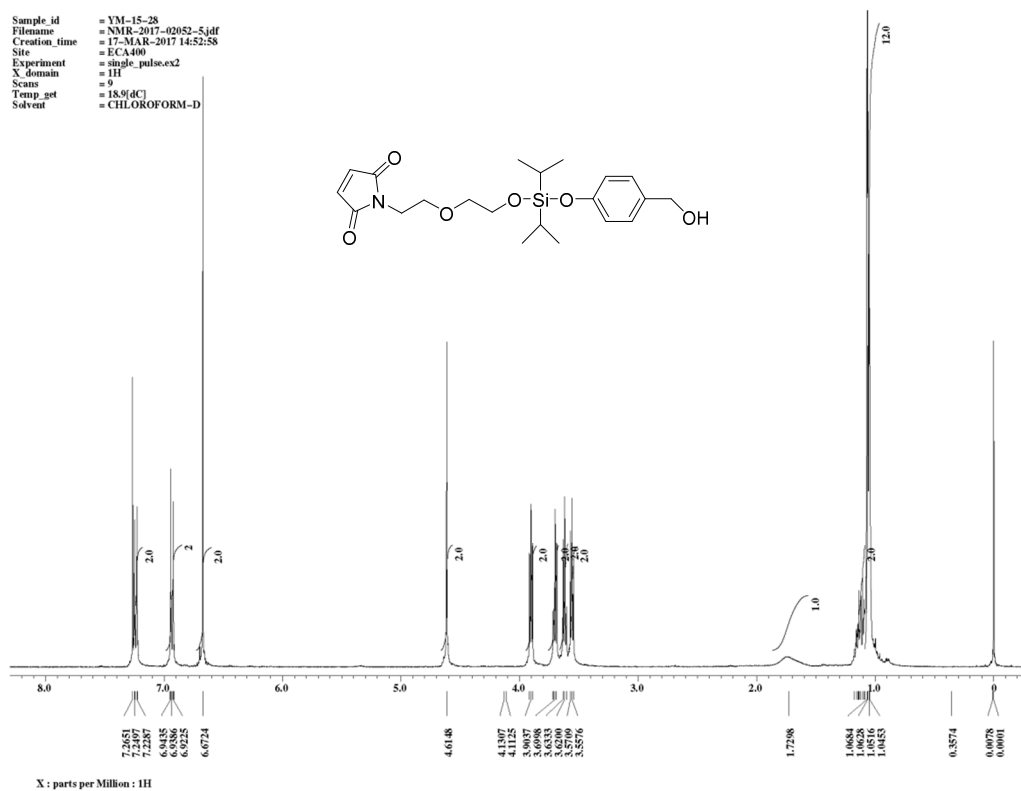
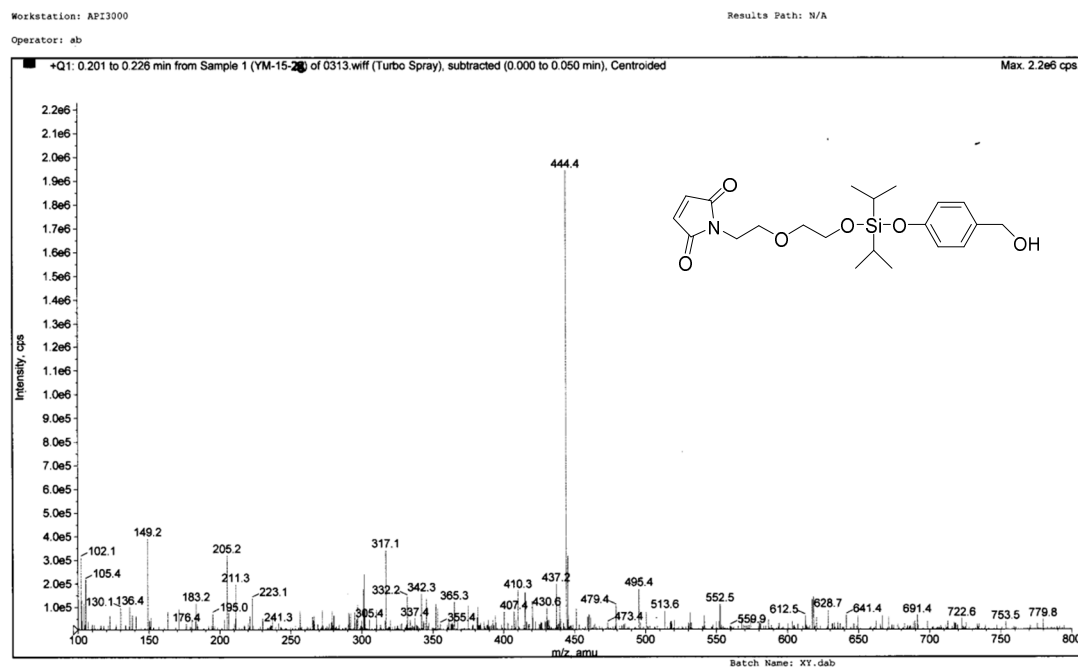
Figure S7. ¹H-NMR spectrometry of compound 4.

Figure S8. Mass spectrometry of compound 4.

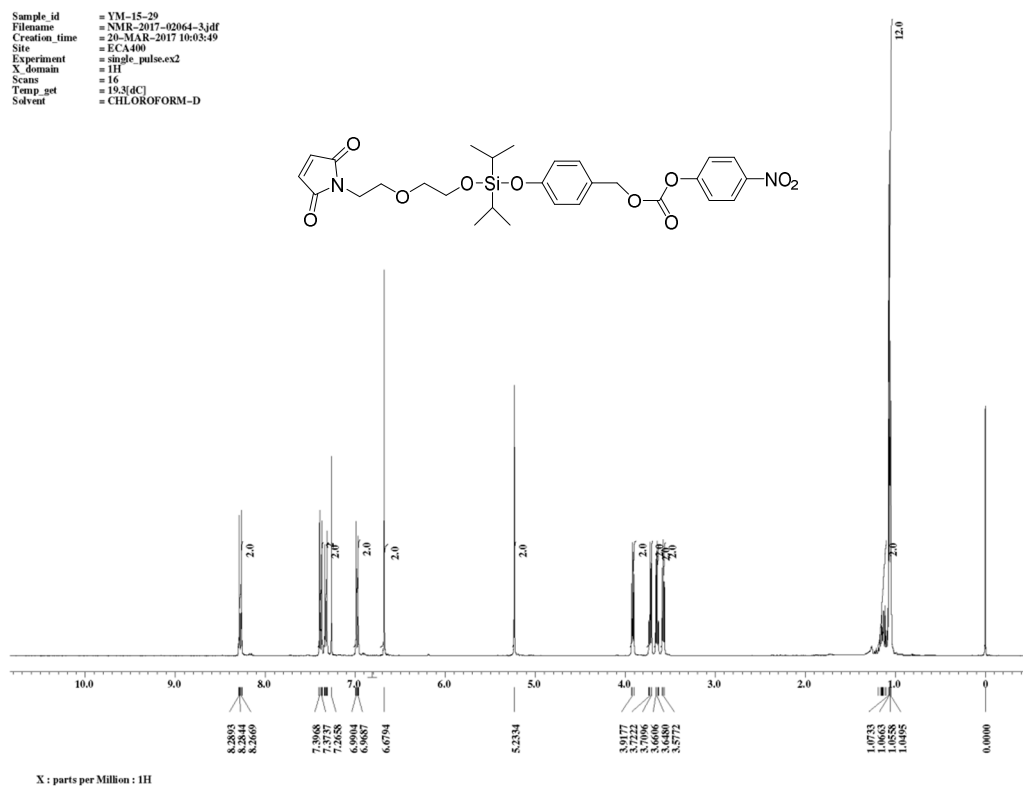
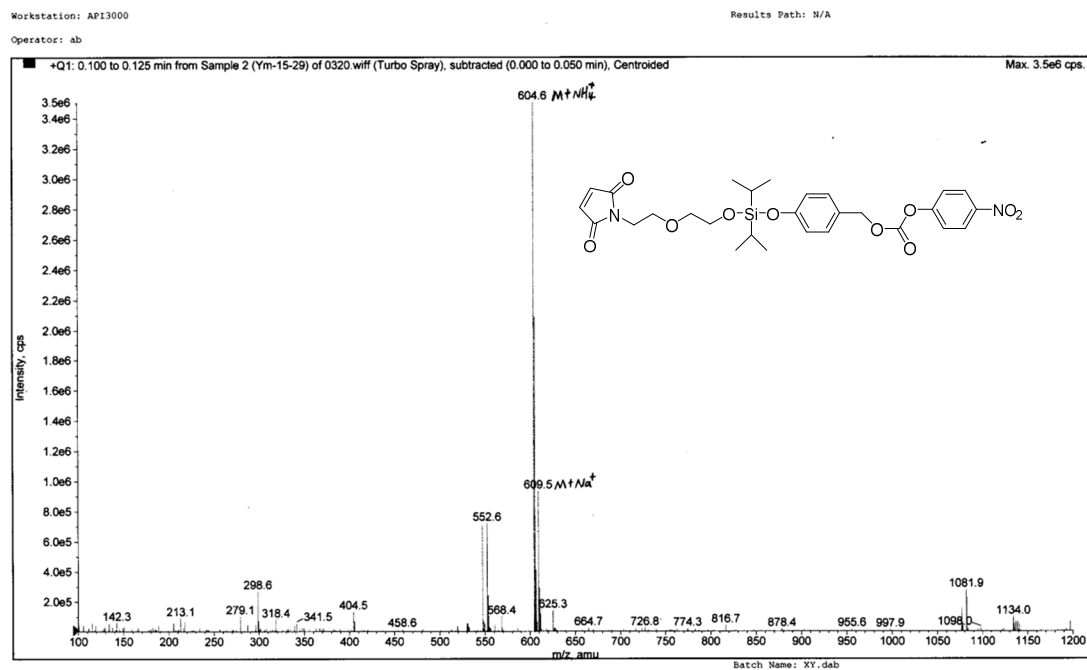
Figure S9. ¹H-NMR spectrometry of compound 5.

Figure S10. Mass spectrometry of compound 5.

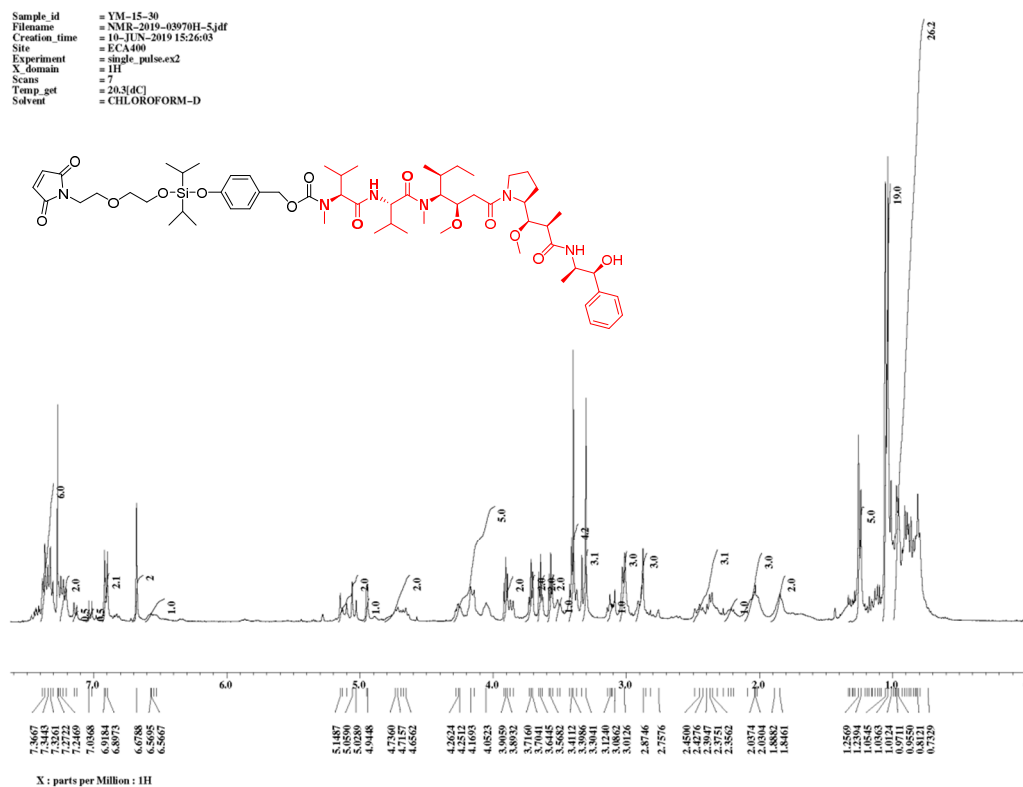


Figure S11. ^1H -NMR spectrometry of compound 6.

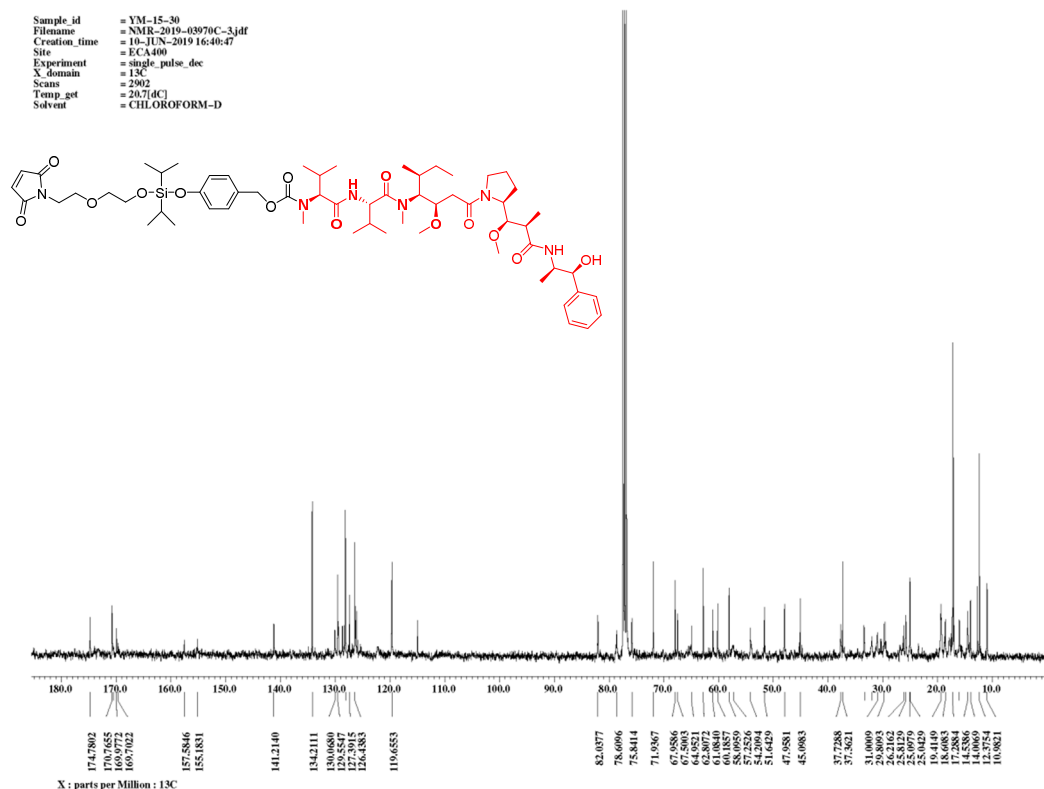


Figure S12. ^{13}C -NMR spectrometry of compound 6.

Qualitative Analysis Report

Data Filename	1291.d	Sample Name	YM-15-30
Instrument Name	TOF G6230A	Acquired Time	2017-03-22
Acq Method	YCLM	Acquired SW	6200 series TOF/6500 series
IRM Calibration Status	Success		
User Chromatograms			

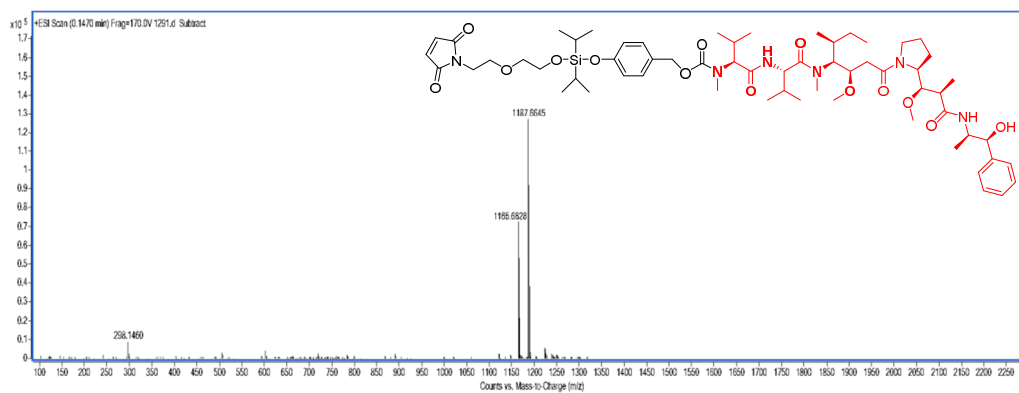


Figure S13. High resolution mass spectrometer of compound 6.

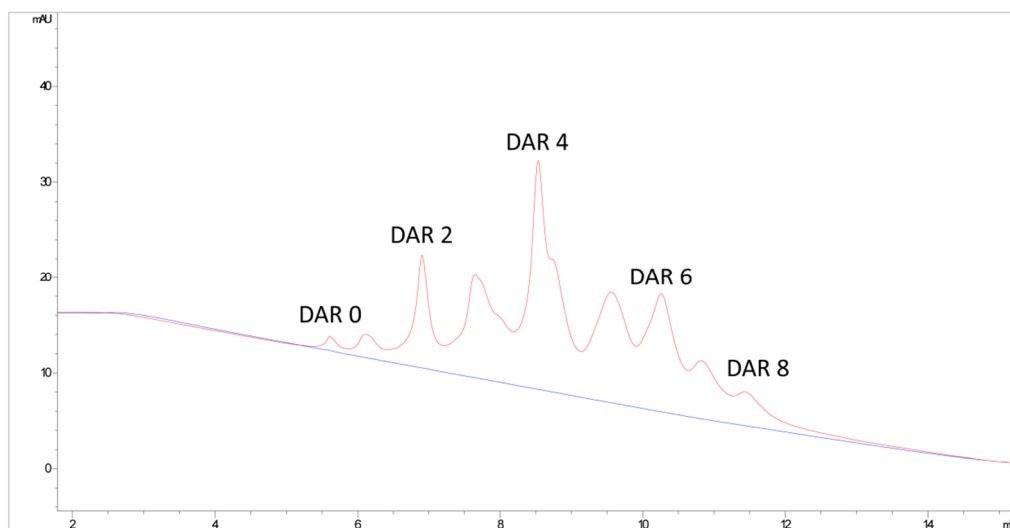


Figure S14. Hydrophobic interaction chromatography analysis of the ADC mil40-6 with an average DAR of about 5.5.