

Supporting Information

Synthesis and antimicrobial activities of novel peptide deformylase inhibitors

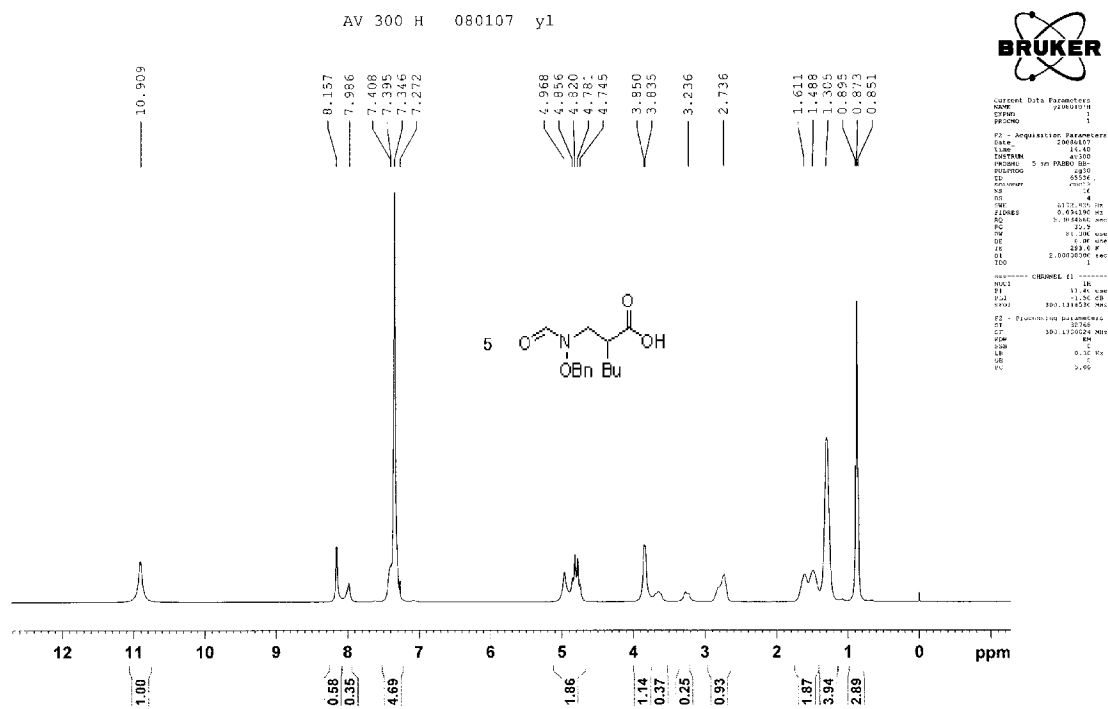
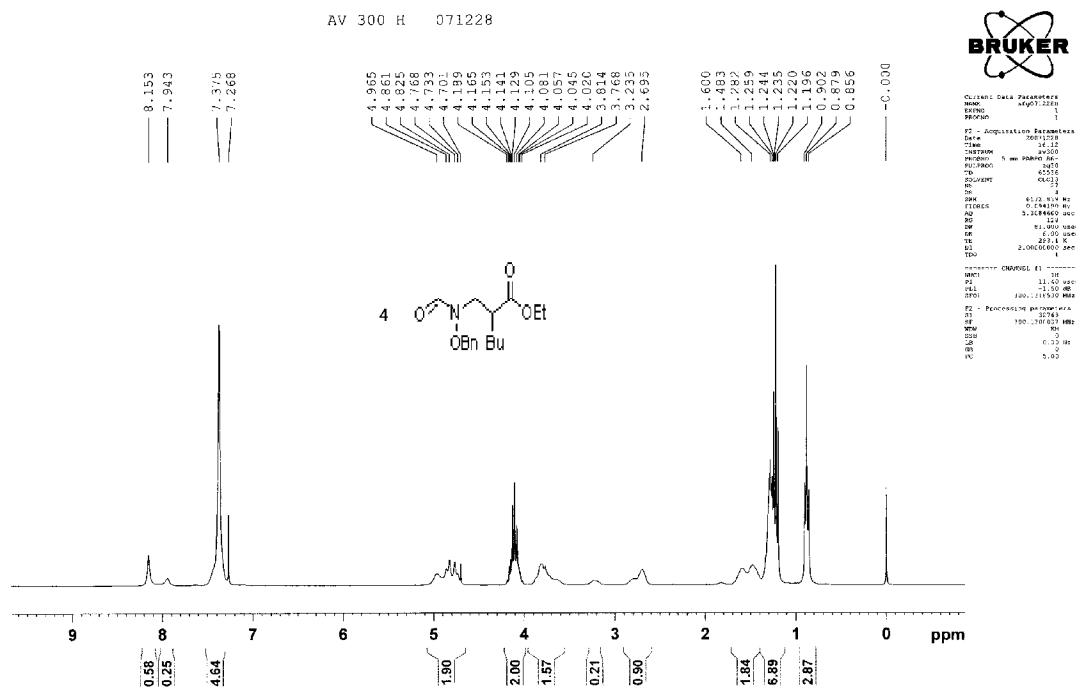
**Ling Yin,^a Wei-Ren Xu,^b Zhi-Guo Wang,^c Da-Tong Zhang,^a Jiong Jia,^a Yan-Qing Ge,^a
Yan Li,^a and Jian-Wu Wang^{a*}**

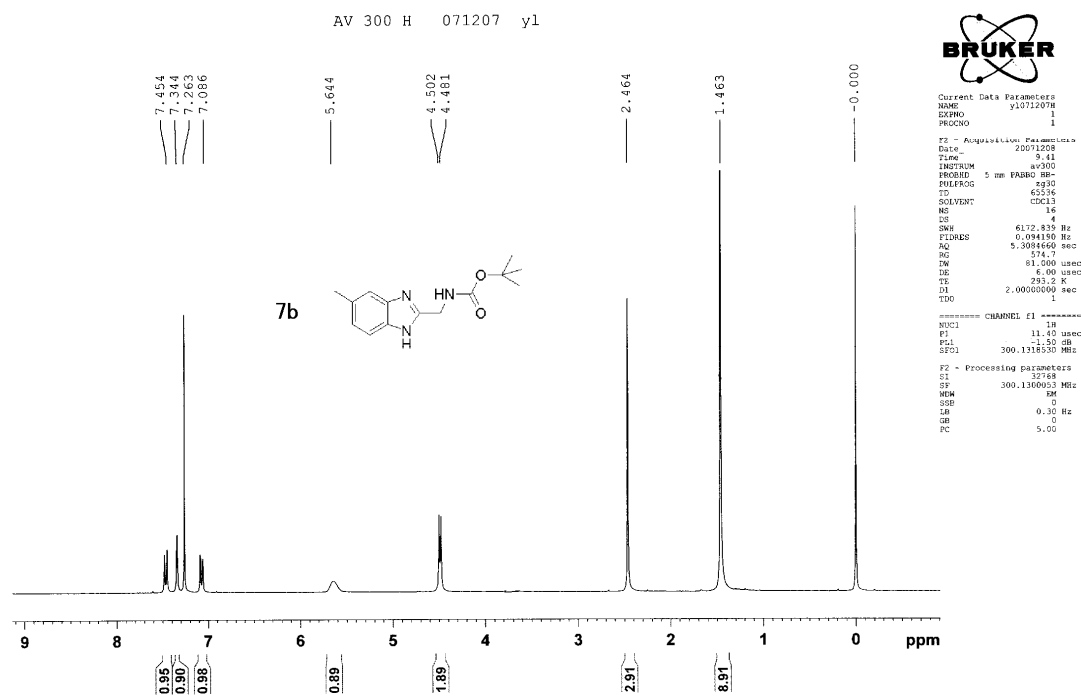
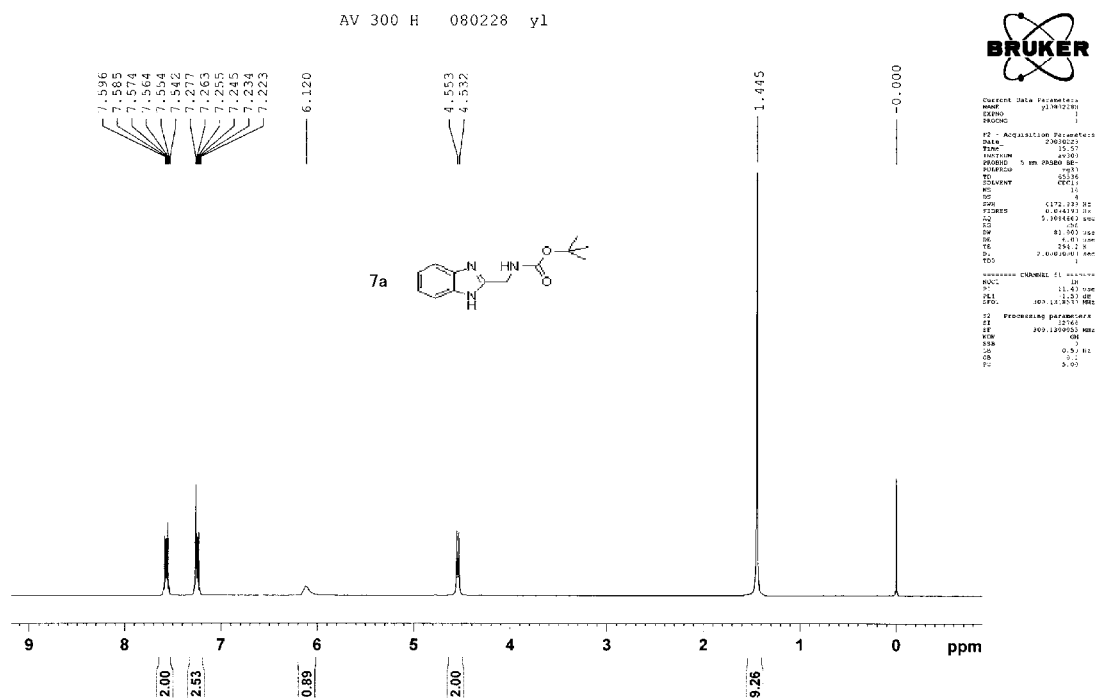
^a*School of Chemistry and Chemical Engineering, Shandong University, 27, Shanda Nanlu, Jinan 250100, People's Republic of China*

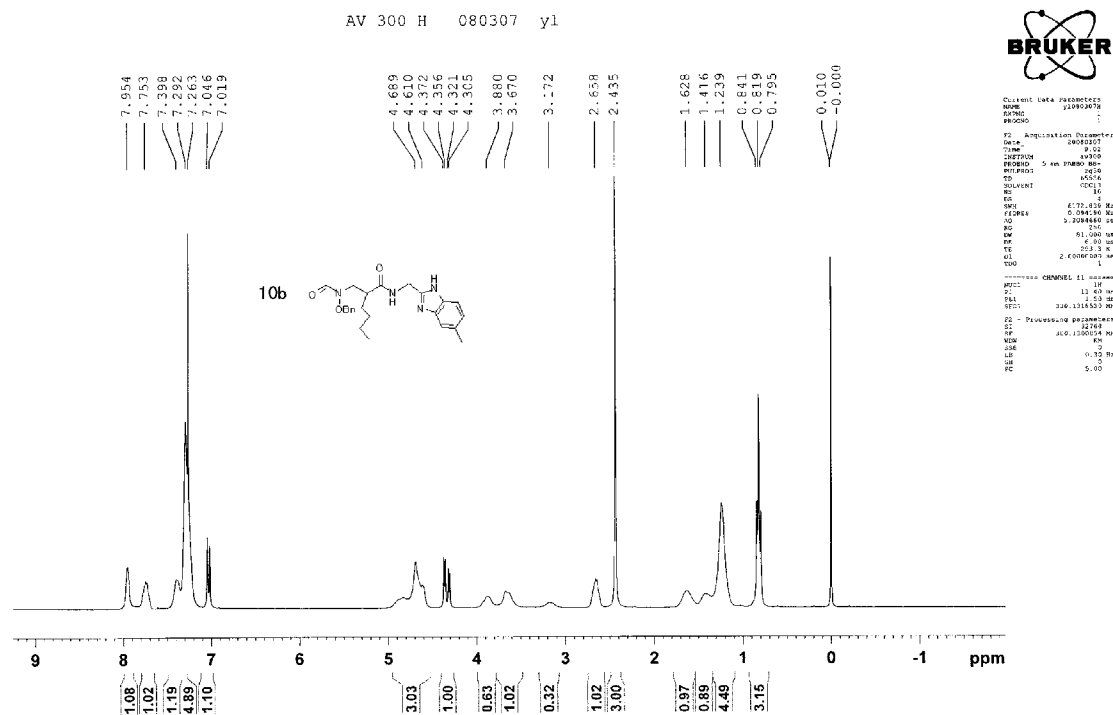
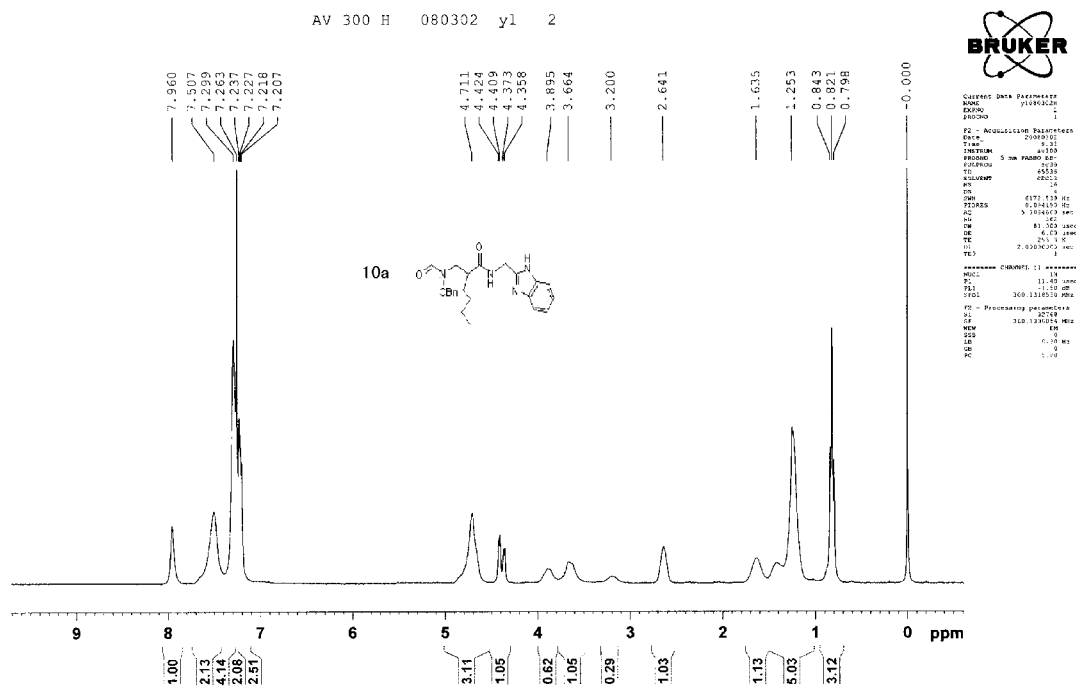
^b*The Pharmaceutical Research Institute of Tianjin, 308, Anshan Xidao, Nankai District, Tianjin 300193, People's Republic of China*

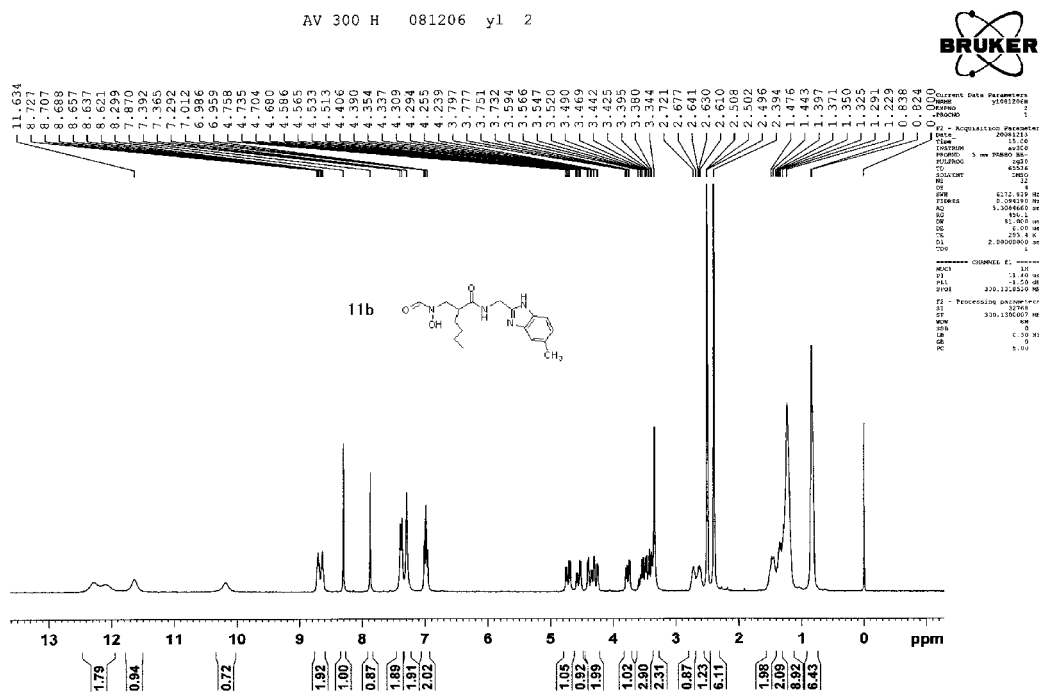
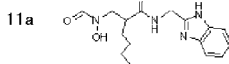
^c*Northwest Institute of Plateau Biology, Chinese Academy of Sciences, 23, Xinning Road, Xining 810001, People's Republic of China*

Table of contents	S1
Copies of ¹ H-NMR spectra for 4 , 5 , 7a-7b , 10a-10b and 11a-g	S2-S8
Copies of ¹³ C-NMR spectra for 11a , 11b , 11e and 11f	S9-S10
Copies of HRMS spectra for 7a-7b , 10a-10b and 11a-g	S11-S16
Copies of IR spectra for 7a-7b , 10a-10b and 11a-g	S17-S22

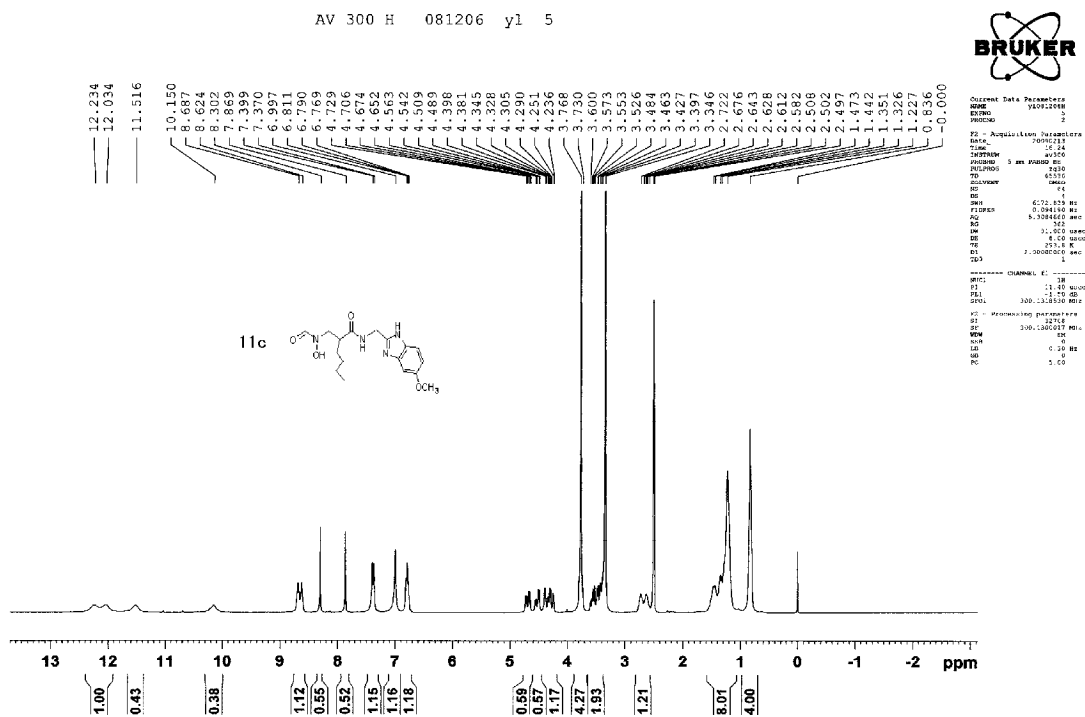




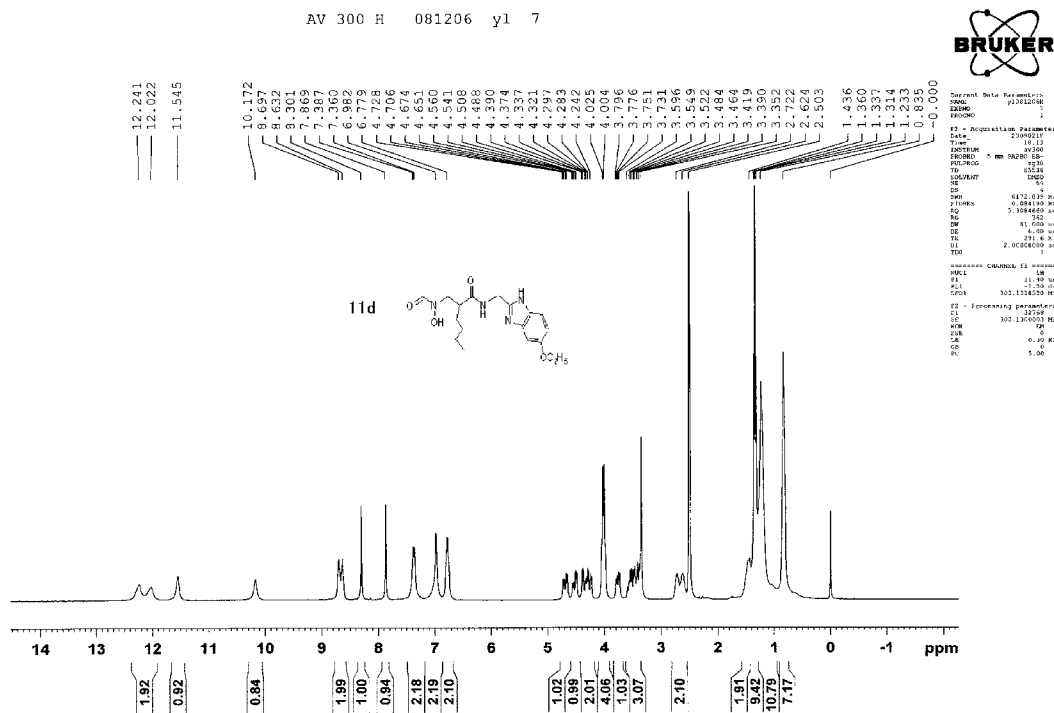




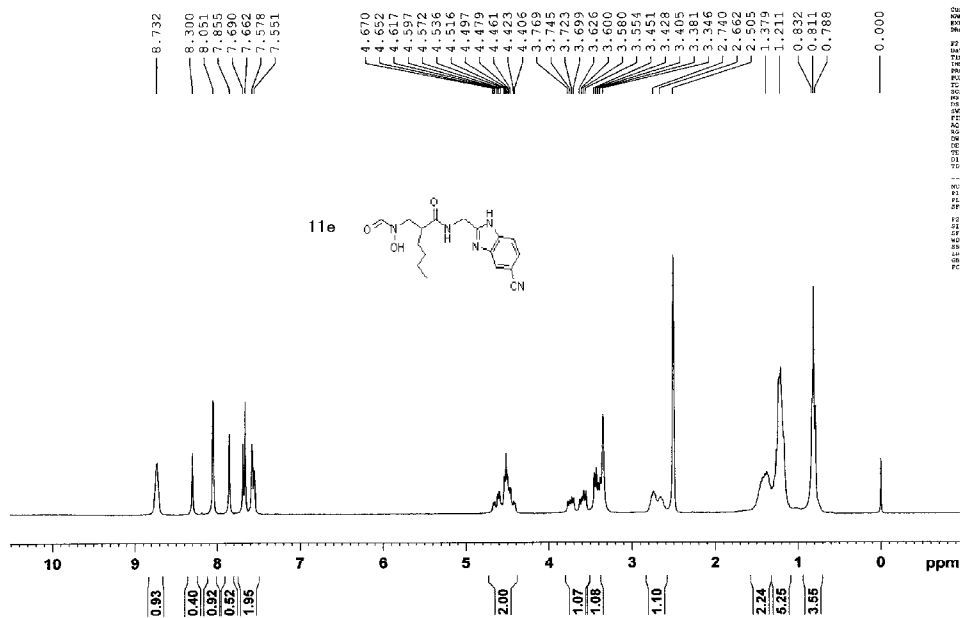
AV 300 H 081206 y1 5



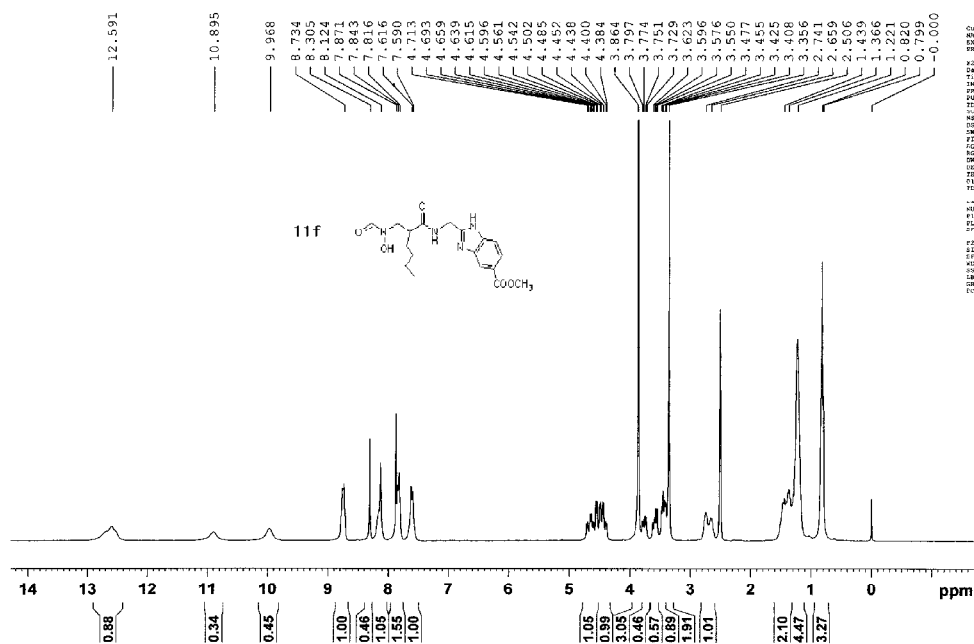
AV 300 H 081206 y1 7

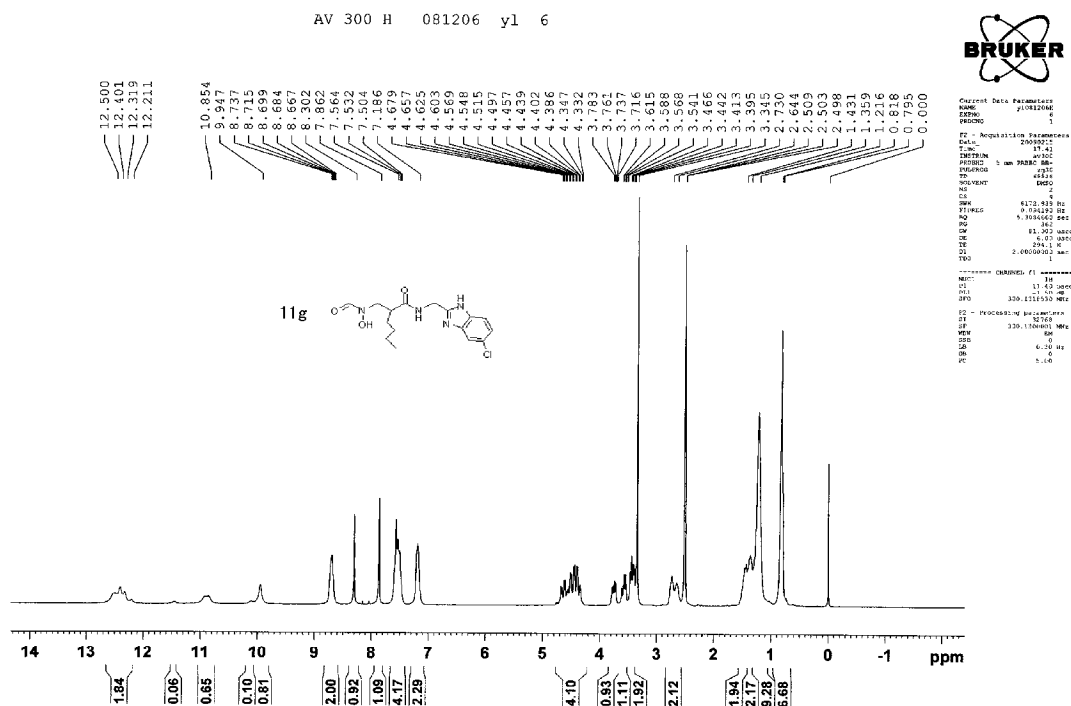


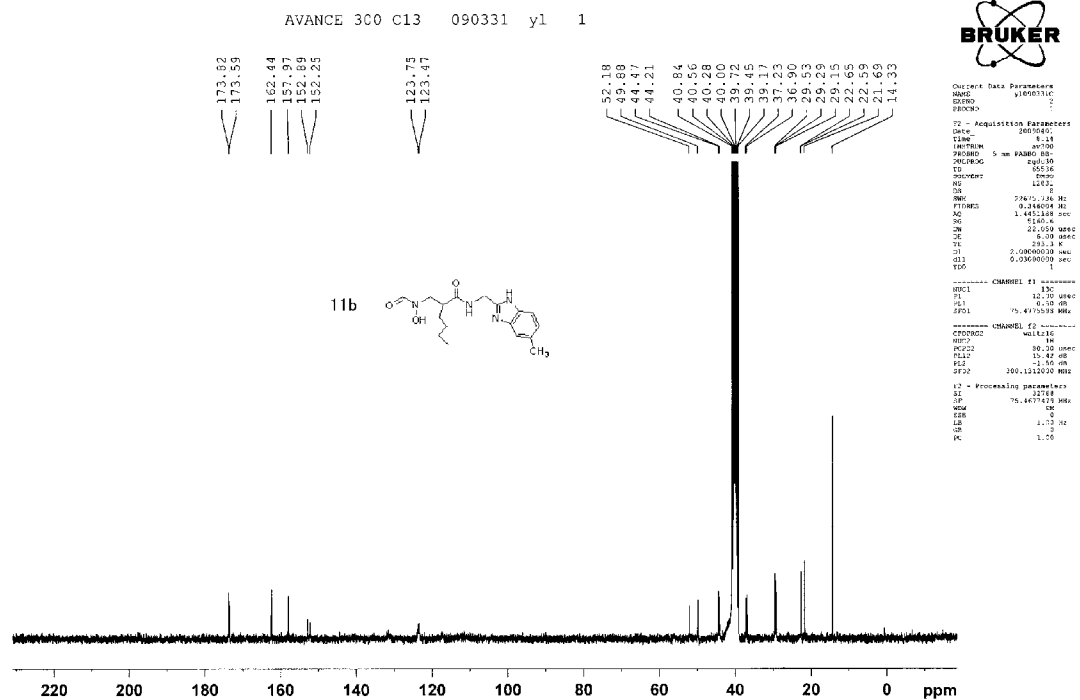
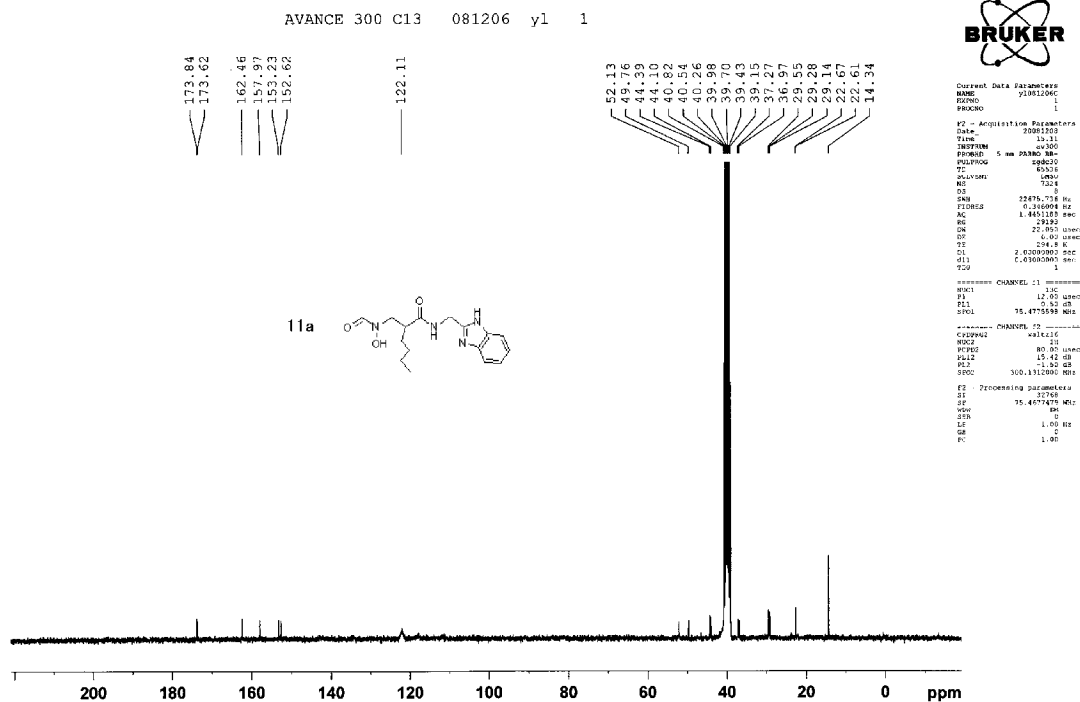
AV 300 H 081206 y1 4

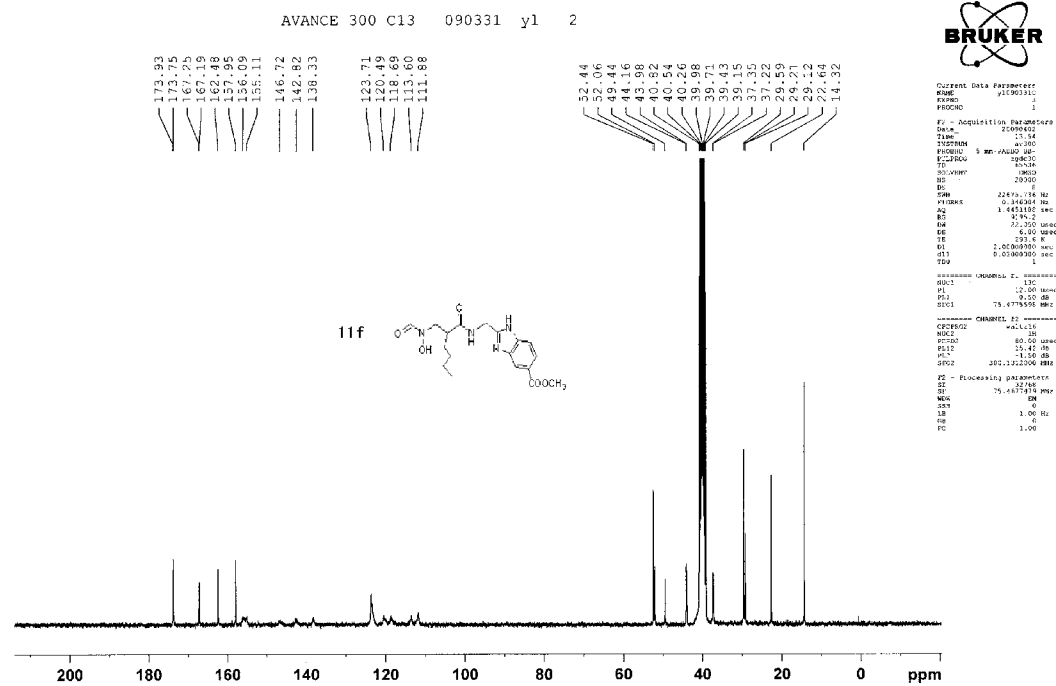
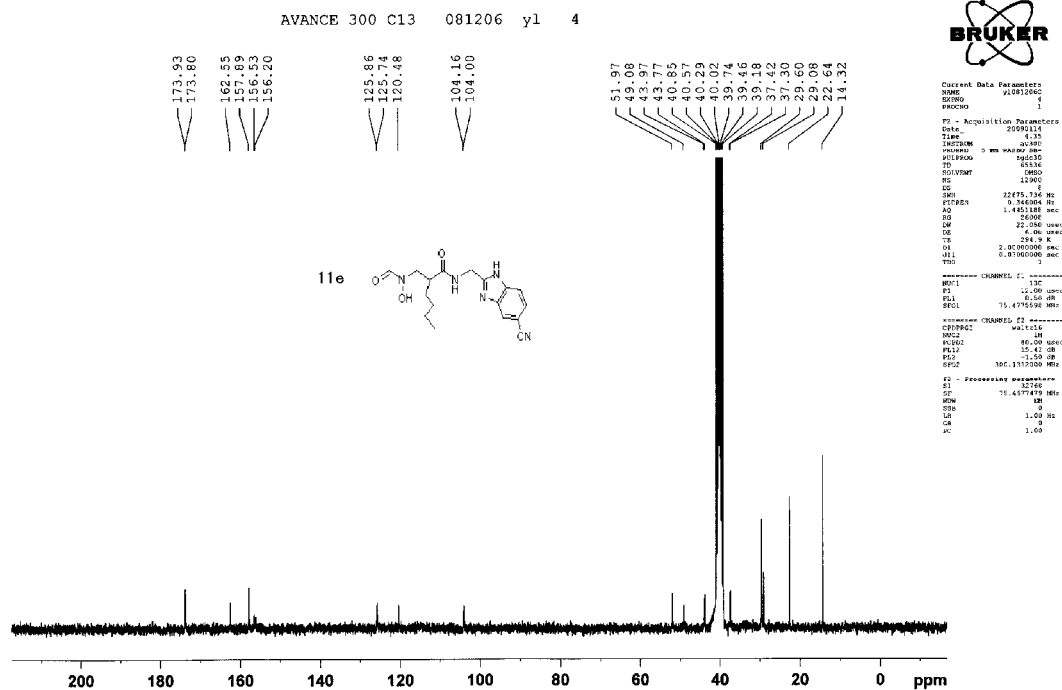


AV 300 H 081206 y1 3

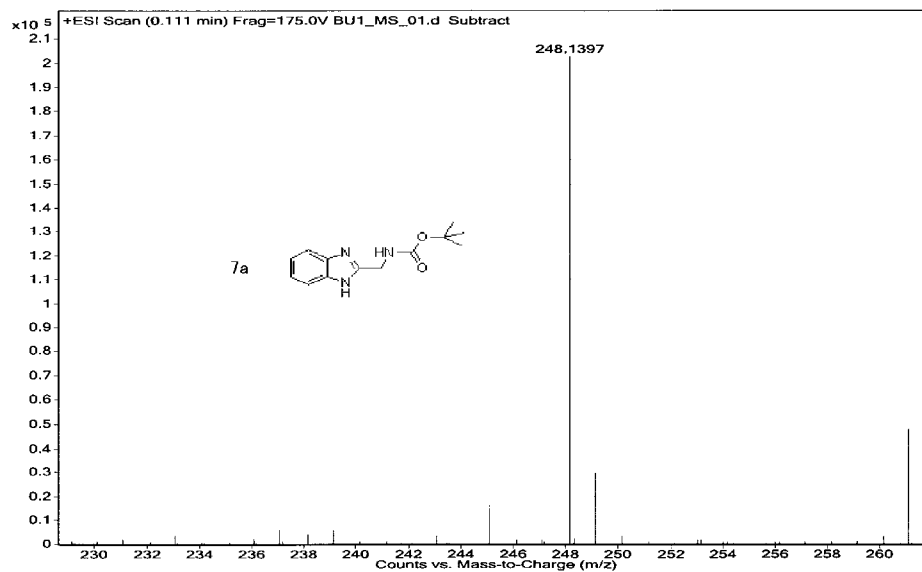




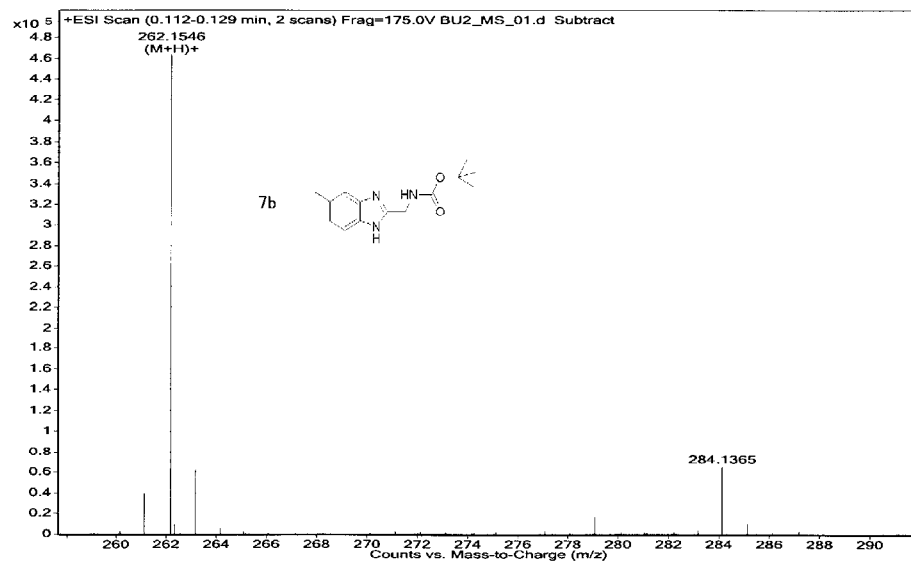




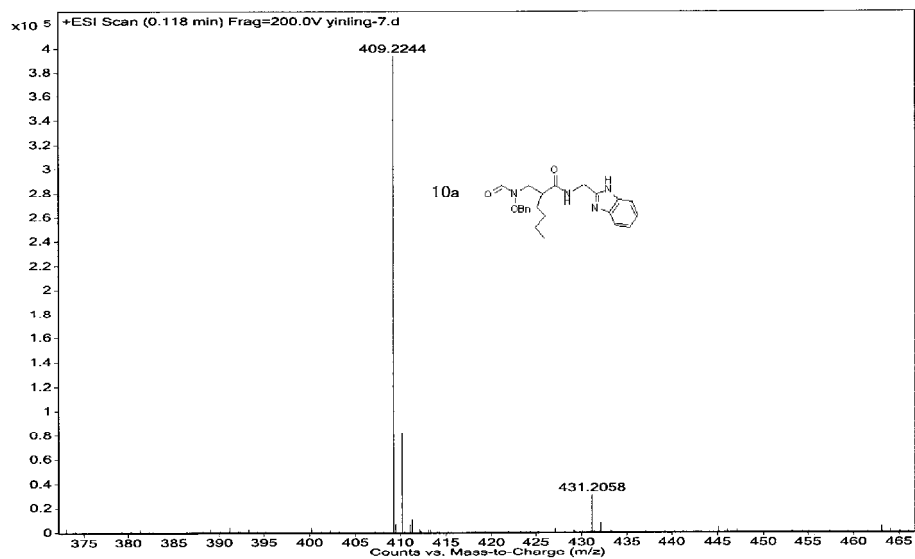
Sample Name	BU1	Position	Vial 1	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	BU1_MS_01.d	ACQ Method		Comment		Acquired Time	12/19/2008 10:08:39 AM



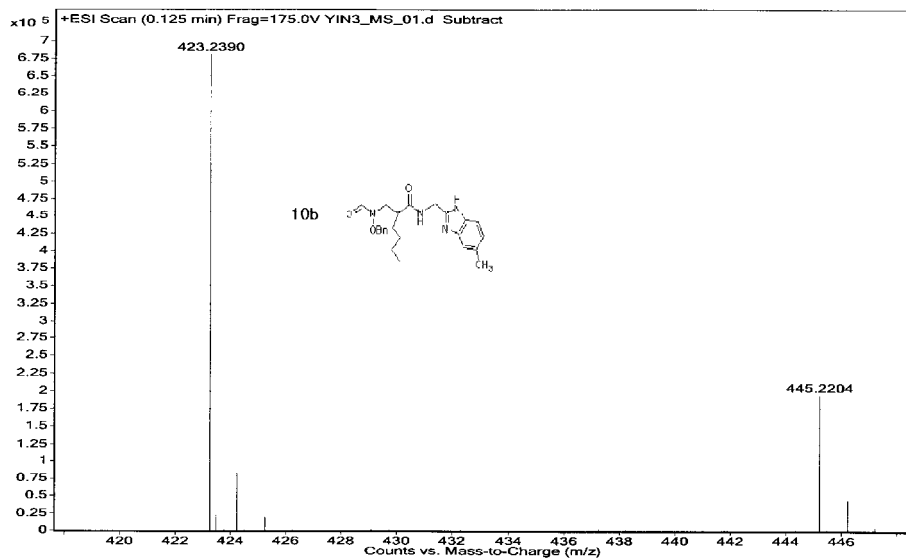
Sample Name	BU 2	Position	Vial 2	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	BU2_MS_01.d	ACQ Method		Comment		Acquired Time	12/19/2008 10:22:16 AM



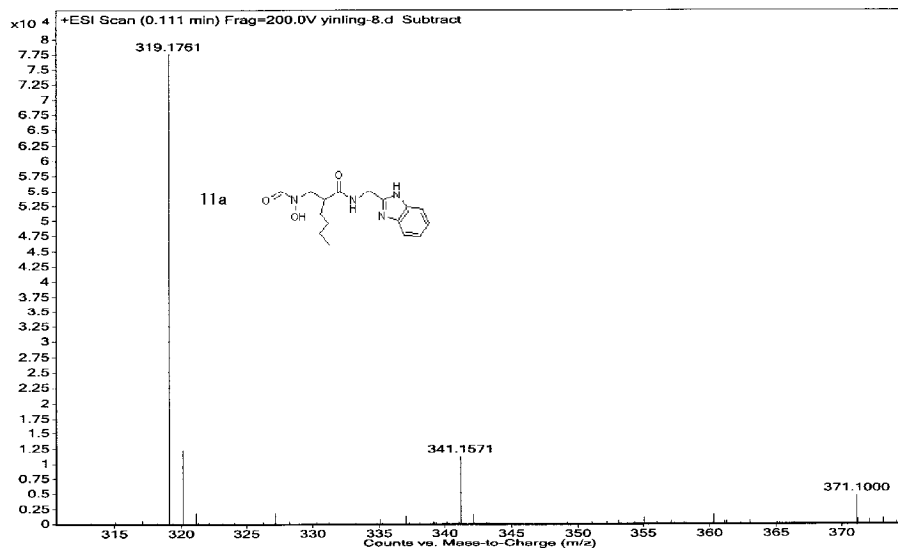
Sample Name	yinling-7	Position	Vial 3	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	yinling-7.d	ACQ Method	fenglei1203.m	Comment		Acquired Time	12/26/2008 3:02:47 PM



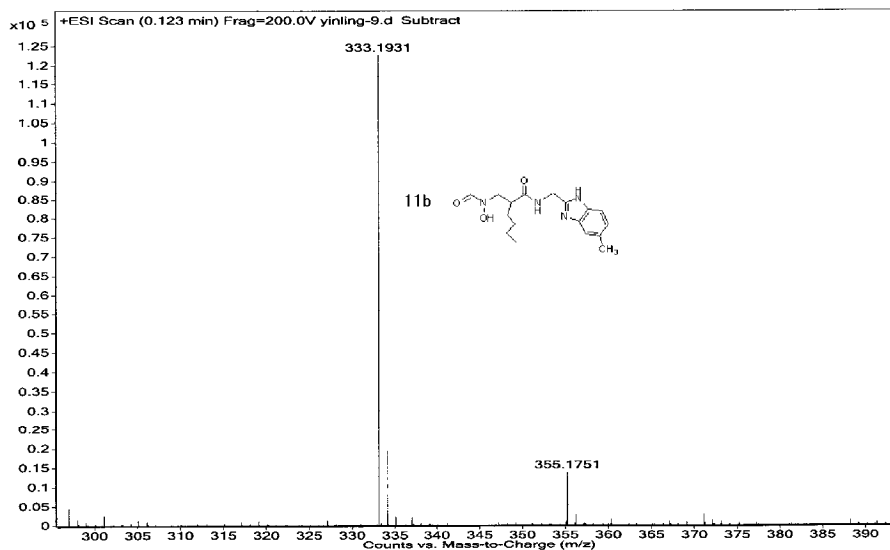
Sample Name	YIN3	Position	Vial 2	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	YIN3_MS_01.d	ACQ Method		Comment		Acquired Time	12/19/2008 10:51:09 AM



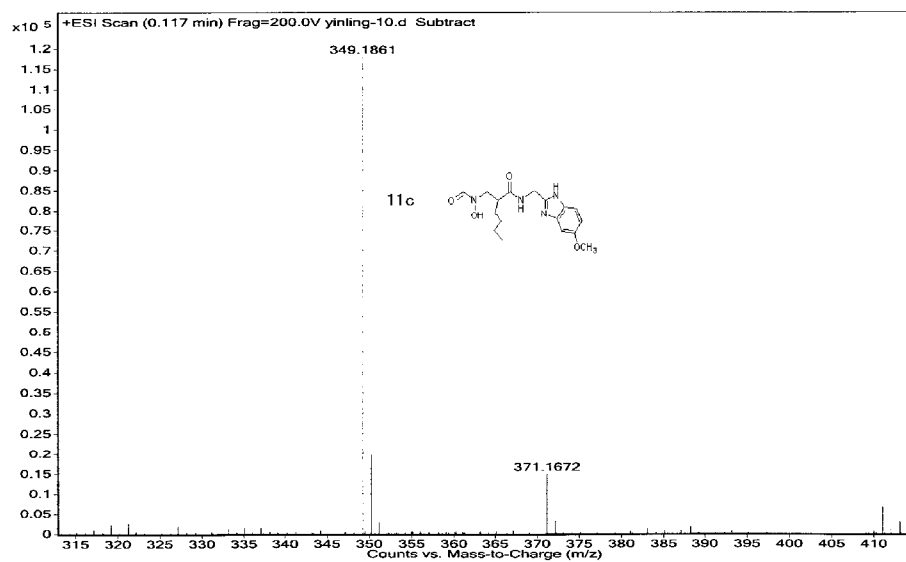
Sample Name	yinling-8	Position	Vial 4	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	yinling-8.d	ACQ Method	fenglei1203.m	Comment		Acquired Time	12/26/2008 3:03:51 PM



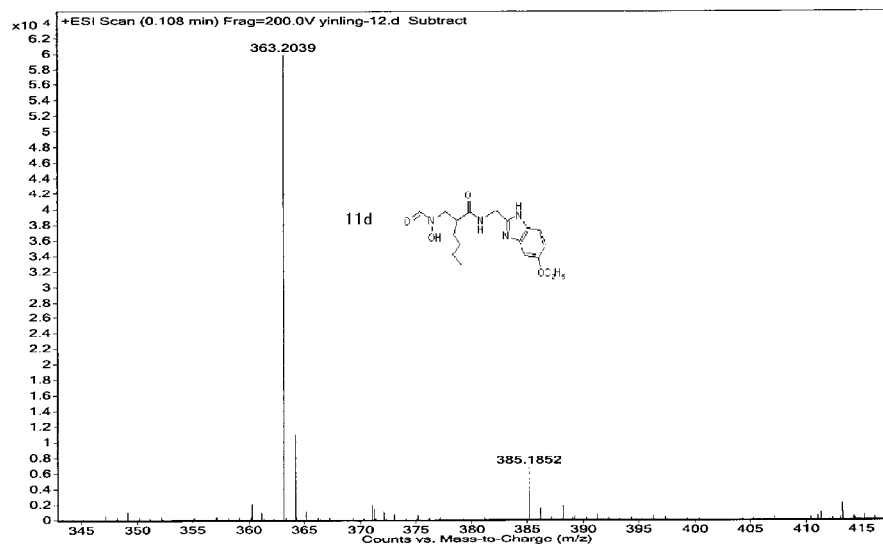
Sample Name	yinling-9	Position	Vial 5	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	yinling-9.d	ACQ Method	fenglei1203.m	Comment		Acquired Time	12/26/2008 3:04:54 PM



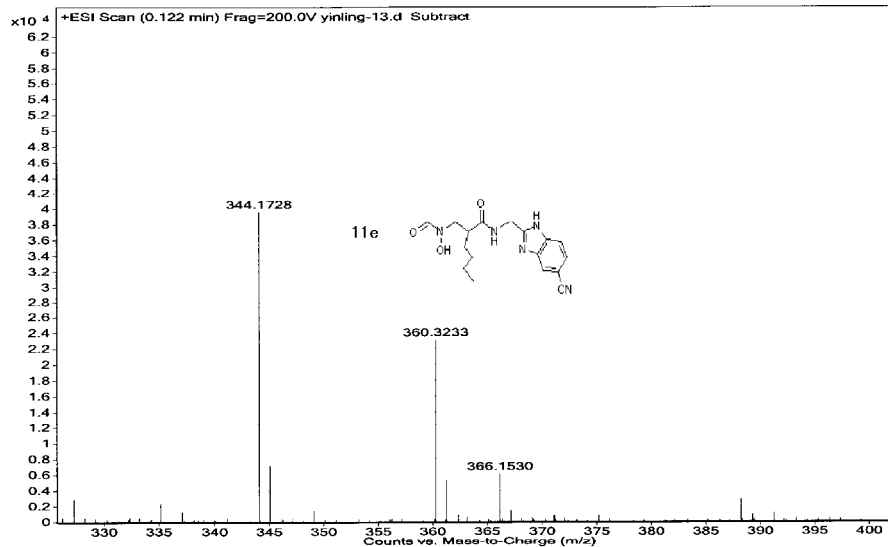
Sample Name	yinling-10	Position	Vial 6	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	yinling-10.d	ACQ Method	fenglei1203.m	Comment		Acquired Time	12/26/2008 3:05:58 PM



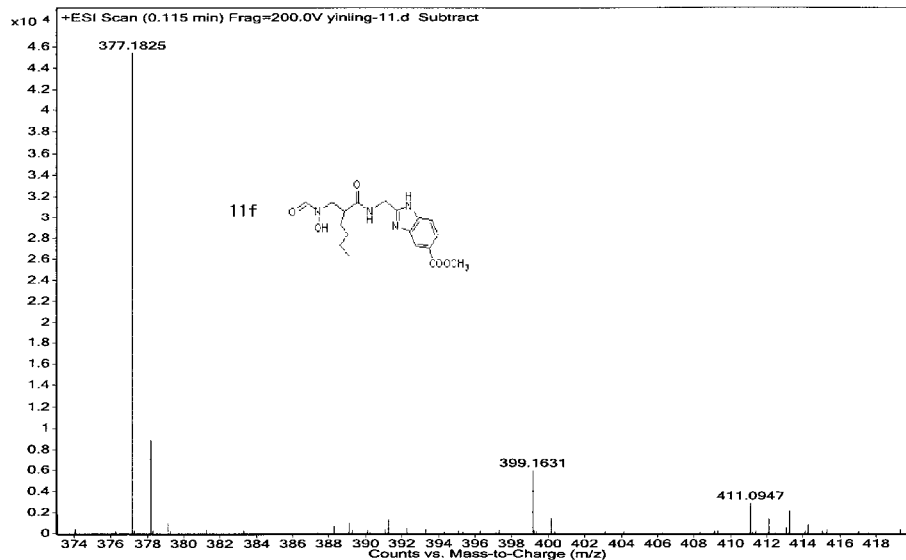
Sample Name	yinling-12	Position	Vial 5	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	yinling-12.d	ACQ Method	fenglei1203.m	Comment		Acquired Time	12/26/2008 10:22:17 AM



Sample Name	yinling-13	Position	Vial 1	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	yinling-13.d	ACQ Method	fenglei1203.m	Comment		Acquired Time	12/26/2008 3:42:33 PM



Sample Name	yinling-11	Position	Vial 4	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Success
Data Filename	yinling-11.d	ACQ Method	fenglei1203.m	Comment		Acquired Time	12/26/2008 10:21:11 AM



Sample Name	YL-0331-1	Position	Vial 6	Instrument Name	Instrument 1	User Name	
Inj Vol	-1	InjPosition		SampleType	Sample	IRM Calibration Status	Some Ions Missed
Data Filename	yingling0331-4.d	ACQ Method	fenglei1203.m	Comment		Acquired Time	3/31/2009 3:45:02 PM

