

Product Quality Control Data

Compound ID:

AZD9291-PRECURSOR-HCl salt DMSO 400.13MHz

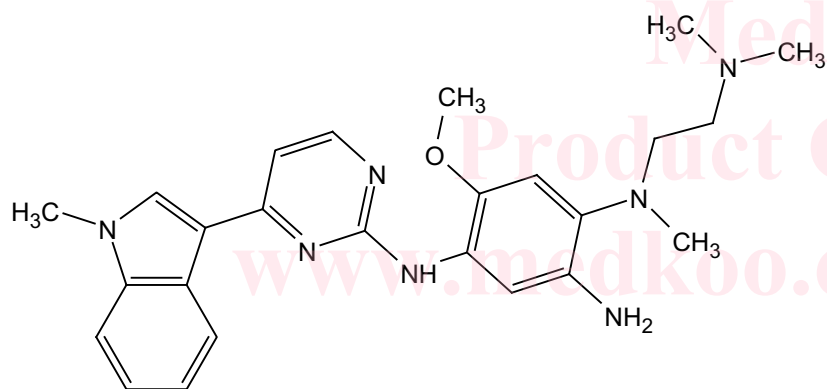
www.medkoo.com | sales@medkoo.com

Acquisition Parameters

Date: 2014-04-18T13:31:02
 Pulse Sequence: zg30
 Temperature: 296.3 C
 Number of Scans: 16
 Frequency: 400.13 MHz
 Spectral Width: 8012.8 Hz
 Nucleus: 1H
 Data Points: 32768
 Relaxation Delay: 1 s
 Pulse Width: 14.5 us

F2 - Processing Parameters

Data Points: 65536
 DC: 0.05
 LB: 1.50 Hz
 First Point: 0.50
 FT: Hyper Quadrature
 Phase: Global



MedKoo Cat#: 206042A

Name: AZD9291DA HCl salt

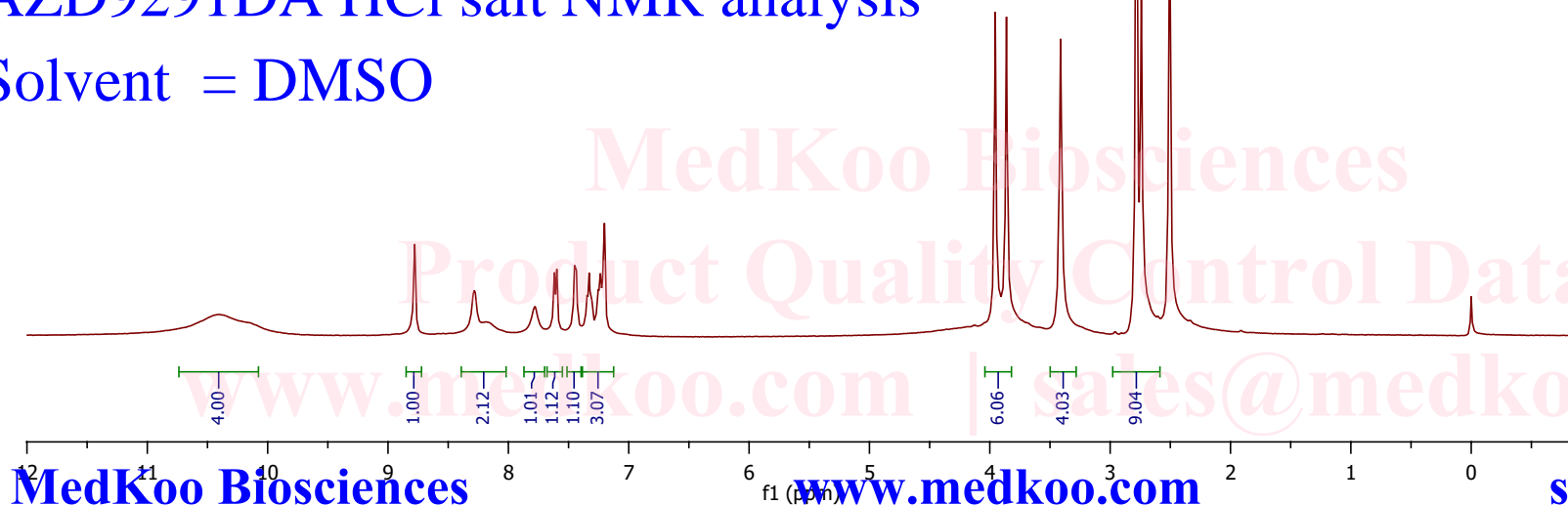
Lot#BBC40416

Chemical Formula: C₂₅H₃₂ClN₇O

Molecular Weight: 482.02

AZD9291DA HCl salt NMR analysis

Solvent = DMSO



AZD9291DA HCl salt HPLC analysis

==== AZD9291-precursor HPLC Report ====

Sample Information Sample

Name : AZD9291-precursor

Sample ID : AZD9291-precursorTray#

: 1

Vial# : 32

Injection Volume : 1 uL

Data Filename : AZD9291-precursor_1.lcd

Method Filename : AB-0-60-100-10MIN-45C.lcm

Date Acquired : 2014-4-4 15:50:44

Description : METHOD: 0-60

COLUMN: XBRIDGE 3.5UM 2.1*50MM

MOBILE: H2O(0.05% TFA)-ACN(0.05% TFA)

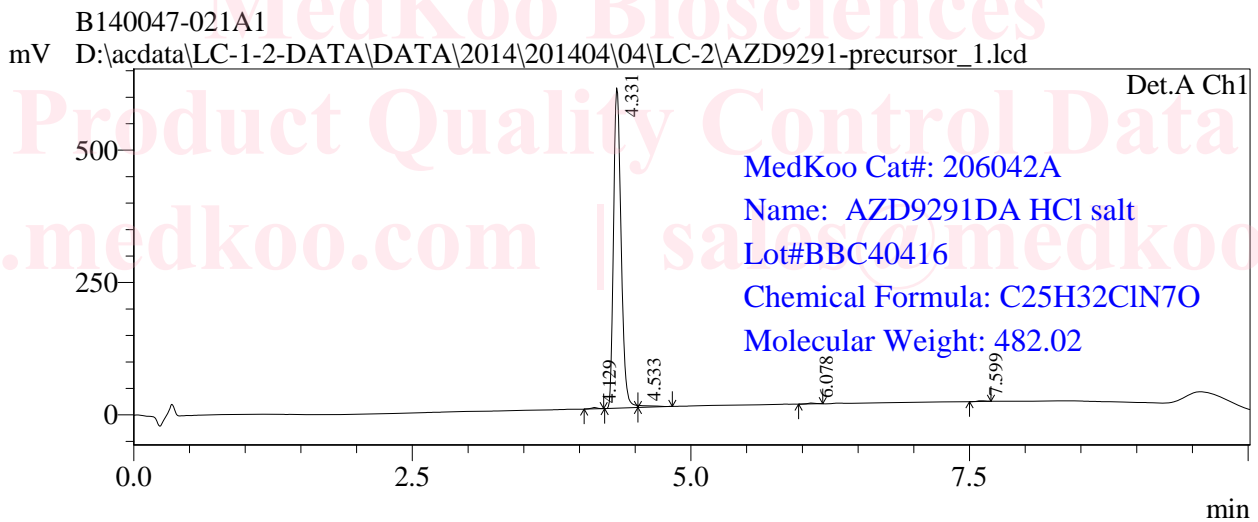
0-7 MIN ACN FROM 0 TO 60%

7-8 MIN ACN FROM 60% TO 100%

OVEN: 45C

TOTAL FLOW RATE: 0.8ML/MIN

<Chromatogram>



1 Det.A Ch1 / 214nm

<Result>

PeakTable

Detector A Ch1 214nm

Peak#	Ret. Time	Area	Height	Area %
1	4.129	9346	2473	0.321
2	4.331	2857340	605202	98.161
3	4.533	30507	3893	1.048
4	6.078	7315	1774	0.251
5	7.599	6353	1386	0.218
Total		2910861	614727	100.000

AZD91921DA HCl Salt HPLC analysis

==== AZD9291-precursor HPLC Report ====

Sample Information Sample

Name : AZD9291-precursor

Sample ID : AZD9291-precursor Tray#

: 1

Vial# : 32

Injection Volume : 1 uL

Data Filename : B140047-021A1_1.lcd

Method Filename : AB-0-60-100-10MIN-45C.lcm

Date Acquired : 2014-4-4 15:50:44

Description : METHOD: 0-60

COLUMN: XBRIDGE 3.5UM 2.1*50MM

MOBILE: H2O(0.05% TFA)-ACN(0.05% TFA)

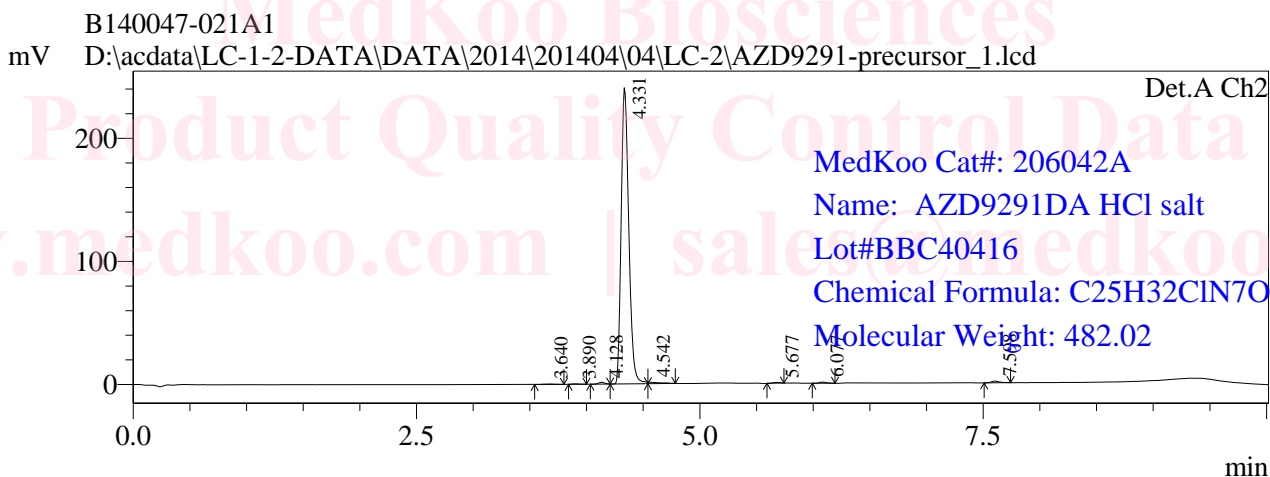
0-7 MIN ACN FROM 0 TO 60%

7-8 MIN ACN FROM 60% TO 100%

OVEN: 45C

TOTAL FLOW RATE: 0.8ML/MIN

<Chromatogram>



1 Det.A Ch2 / 254nm

<Result>

PeakTable

Detector A Ch2 254nm

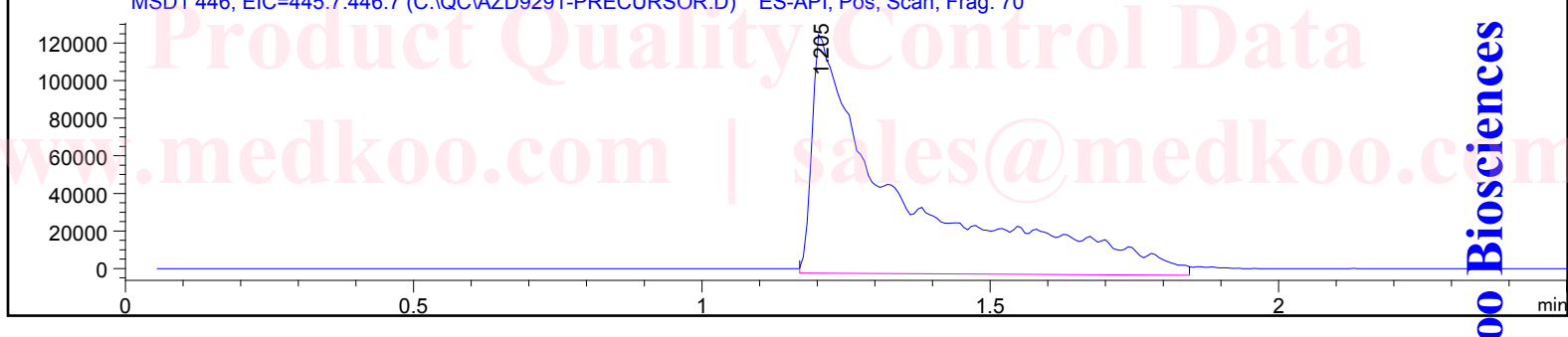
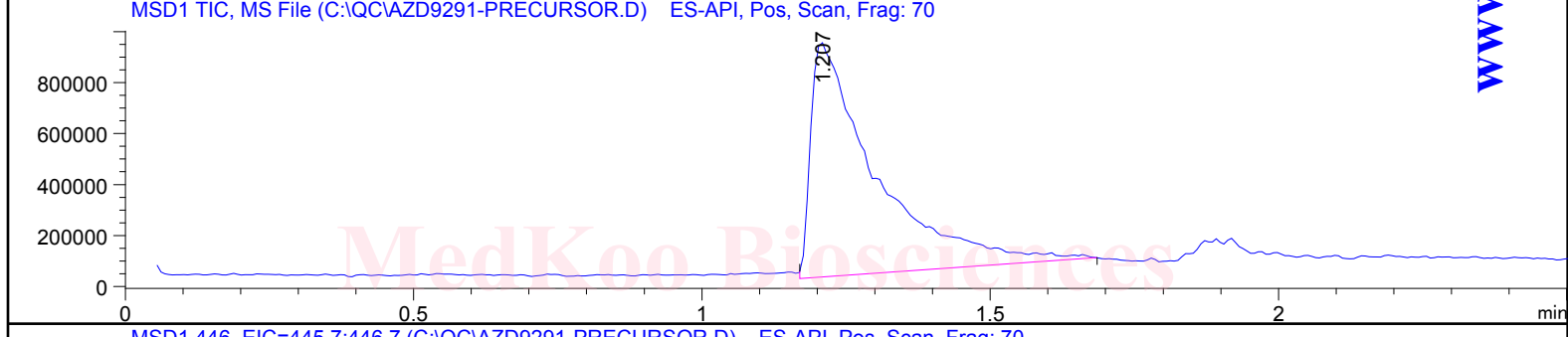
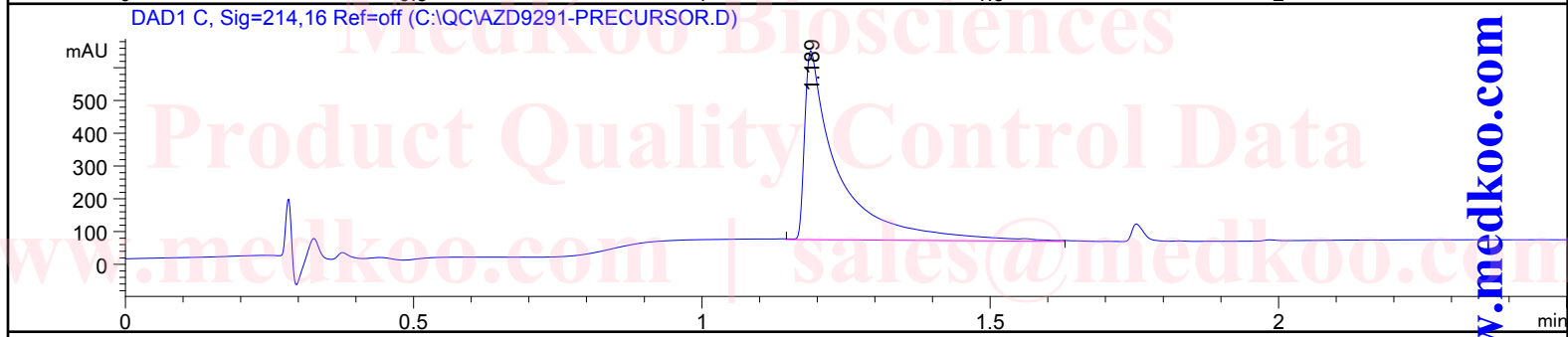
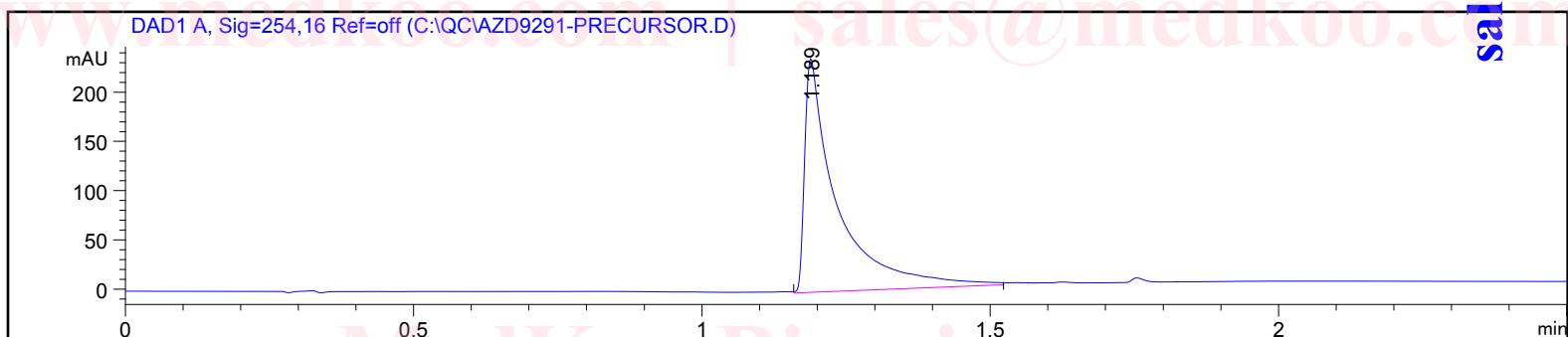
Peak#	Ret. Time	Area	Height	Area %
1	3.640	2107	360	0.183
2	3.890	1314	316	0.114
3	4.128	5645	1475	0.491
4	4.331	1120995	240516	97.438
5	4.542	8022	1332	0.697
6	5.677	2040	552	0.177
7	6.077	3811	899	0.331
8	7.598	6533	1362	0.568
Total		1150466	246812	100.000

操作者 : IMM-FTE
仪器 : AGILENT LCMS E
讲样日期 : 2014/4/4 3:42:34 下午
位置 : P2-A-03
讲样次数 : 1
讲样量 : 0.8 µl

采集方法 : D:\CHEM32_001\METHOD\P100-1000.M
最后修改 : 2014/4/4 3:41:59 下午 : IMM-FTE
(调用后修改)

分析方法 : C:\Chem32\1\METHODS\DEF_LC.M
最后修改 : 2006/11/20 6:14:44 下午
样品信息 : Easy-Access Method: 'P100-1000'

MedKoo Cat#: 206042A
Name: AZD9291DA HCl salt
Lot#BBC40416
Chemical Formula: C₂₅H₃₂CIN₇O
Molecular Weight: 482.02



AZD9291 HCl salt LC/MS analysis

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面积百分比报
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排序 : 信号
乘积因子 : 1.0000
稀释因子 : 1.0000
内标使用乘积因子和稀释

信号 1: DAD1 A, Sig=254,16 Ref=off

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积 [mAU*s]	峰高 [mAU]	峰面积 %
1	1.189	MM R	0.0659	939.10663	237.41216	100.0000

总量 : 939.10663 237.41216

MedKoo Cat#: 206042A

Name: AZD9291DA HCl salt

Lot#BBC40416

Chemical Formula: C25H32ClN7O

Molecular Weight: 482.02

信号 2: DAD1 C, Sig=214,16 Ref=off

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积 [mAU*s]	峰高 [mAU]	峰面积 %
1	1.189	MM R	0.0679	2352.23657	577.57037	100.0000

总量 : 2352.23657 577.57037

信号 3: MSD1 TIC, MS File

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积	峰高	峰面积 %
1	1.207	MM R	0.1313	7.27568e6	9.23674e5	100.0000

总量 : 7.27568e6 9.23674e5

信号 4: MSD1 446, EIC=445.7:446.7

峰 #	保留时间 [min]	类型	峰宽 [min]	峰面积	峰高	峰面积 %
1	1.205	MM R	0.1720	1.34370e6	1.30228e5	100.0000

总量 : 1.34370e6 1.30228e5

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*** 报告结束 ***
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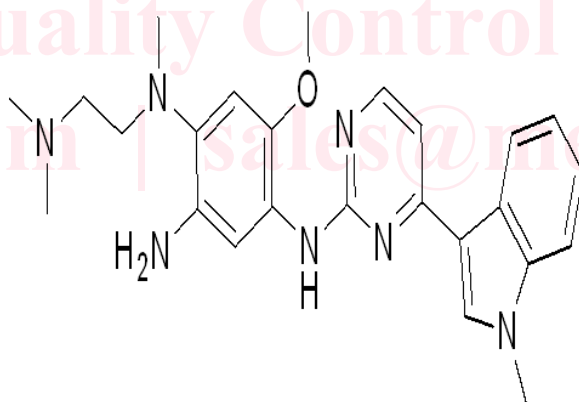
AZD9291 HCl salt LC/MS analysis

MS Spectrum

*MSD1 SPC, time=1.209 of C:\QCI\AZD9291-PRECURSOR.D ES-API, Pos, Scan, Frag: 70

AZD9291 HCl salt LC/MS analysis

Max: 675200



H-Cl

MedKoo Cat#: 206042A

Name: AZD9291DA HCl salt

Lot#BBC40416

Chemical Formula: C₂₅H₃₂ClN₇O

Molecular Weight: 482.02

AZD9291DA (free base)

CAS#: 1421372-66-8

Chemical Formula: C₂₅H₃₁N₇O

Exact Mass: 445.25901

Molecular Weight: 445.56

