

9.273
8.589
8.081
8.063
8.059
8.037
8.014
7.902
7.482
7.461
7.294
7.276
7.273
7.256

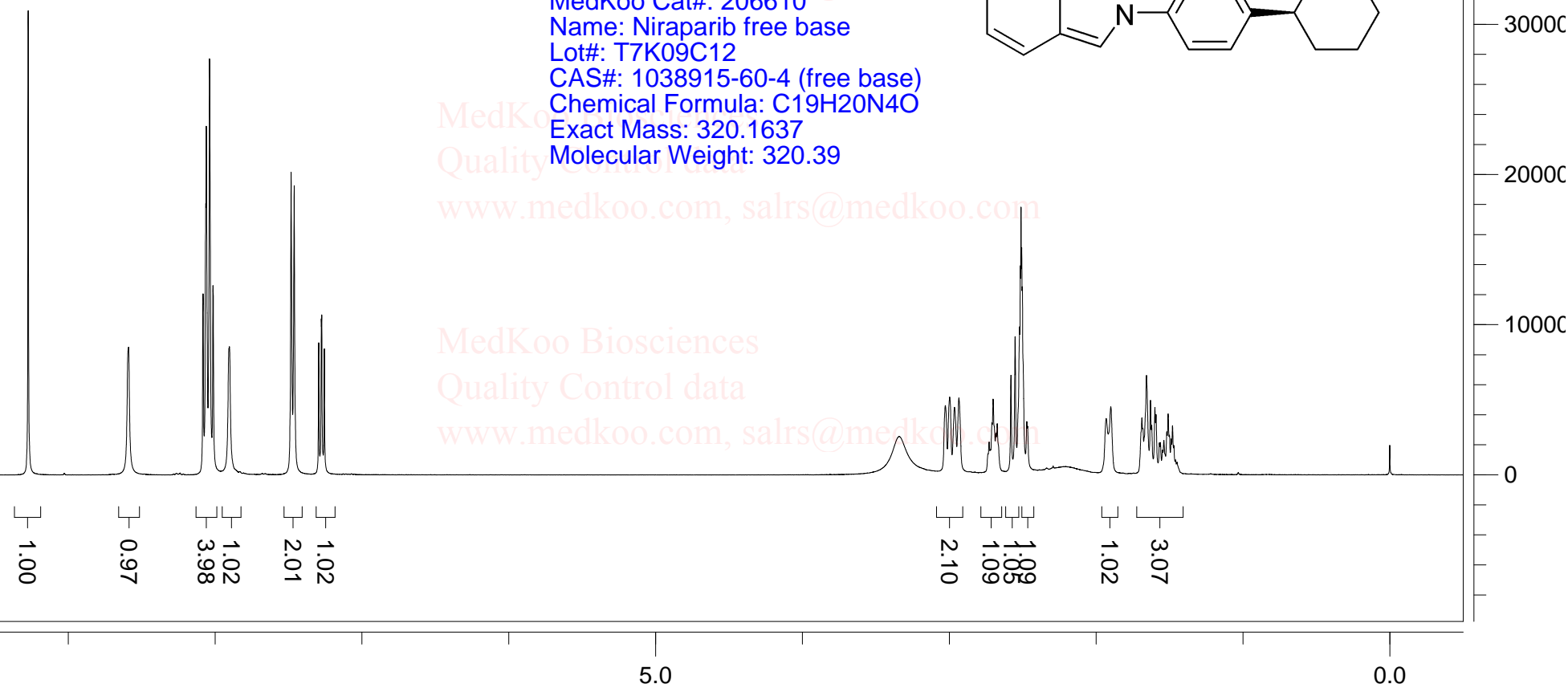
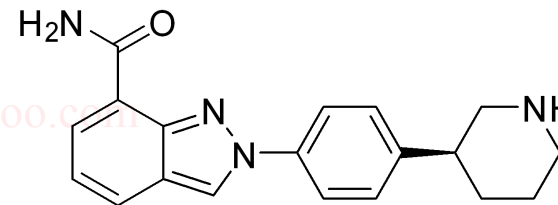
3.338
3.026
2.997
2.964
2.934
2.701
2.580
2.551
2.520
2.515
2.511
2.506
2.502
1.931
1.900
1.688
1.657
1.629
1.599
1.592
1.509
-0.00000

Niraparib Free Base, ¹H-NMR Analysis, solvent: DMSO-d₆

MedKoo Biosciences
Quality Control data
www.medkoo.com, salrs@medkoo.com

1038915-60-4, d₆-DMSO
MedKoo Cat#: 206610
Name: Niraparib free base
Lot#: T7K09C12
CAS#: 1038915-60-4 (free base)
Chemical Formula: C₁₉H₂₀N₄O
Exact Mass: 320.1637
Molecular Weight: 320.39

MedKoo Biosciences
Quality Control data
www.medkoo.com, salrs@medkoo.com



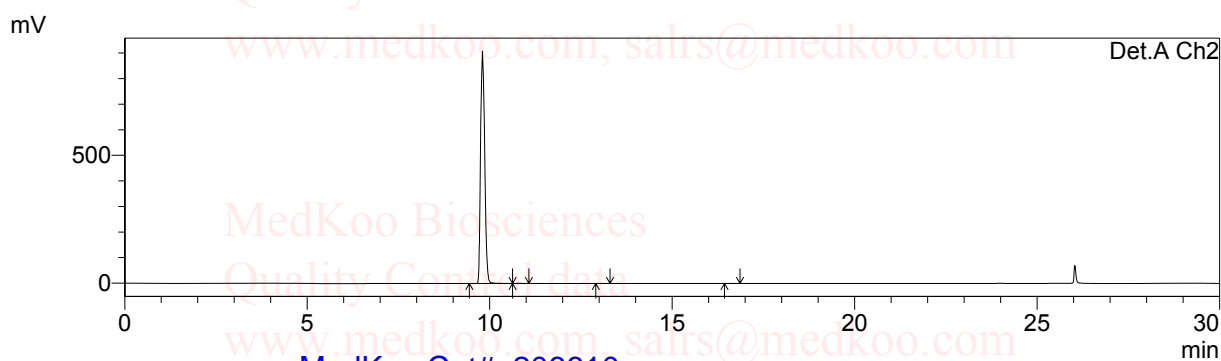
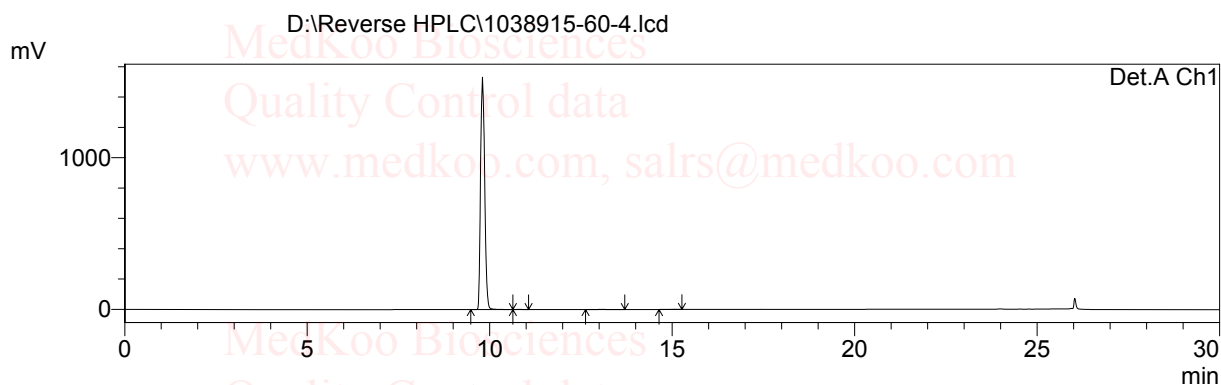
10.0
ppm (t1)

Niraparib Free Base, HPLC Analysis

HPLC Report

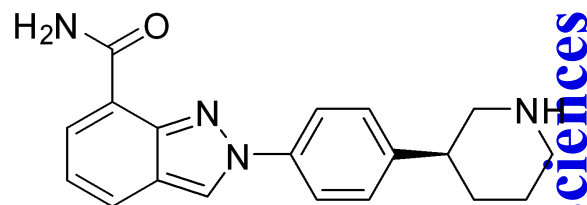
Column : Inertil ODS-3, 5um 4.6*150mm
 Mobile phase : Solvent A: H2O(0.05%H3PO4) Solvent B:ACN(0.05%H3PO4)
 Temperature : 40 °C
 Flow rate : 1mL/min
 Run time : 3min gradient(50%B), 15min gradient (50%-95%B),5 min(95%B),then 7min @(50%B)
 Detector : UV
 Wavelength : 220/254 nm
 User name : PC E-005
 Notebook page :
 Sample description : in ACN
 Injection Volume : 1 uL

Data File Name : 1038915-60-4.lcd
 Method File Name : 1038915-60-4.lcm
 Batch File Name : 20170912.lcb
 Data Acquired : 2017-9-12 8:56:13
 Data Processed : 2017-9-12 9:43:55



1 Det.A Ch1/220nm
 2 Det.A Ch2/254nm

MedKoo Cat#: 206610
 Name: Niraparib free base
 Lot#: T7K09C12
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 Chemical Formula: C₁₉H₂₀N₄O
 Exact Mass: 320.1637
 Molecular Weight: 320.39



PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	9.798	12109530	99.757	32517.263
2	10.791	10918	0.090	29291.106
3	13.054	6738	0.056	24607.888
4	15.065	11793	0.097	26836.648

Niraparib Free Base, HPLC Analysis

Peak#	Ret. Time	Area	Area %	theoretical Plate#
Total		12138979	100.000	

PeakTable

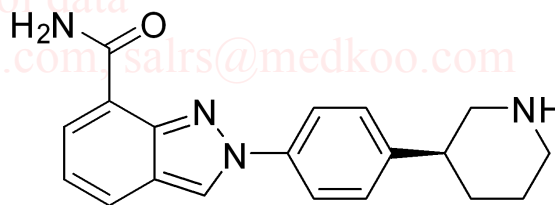
Detector A Ch2 254nm

Peak#	Ret. Time	Area	Area %	theoretical Plate#
1	9.798	7210444	99.837	32183.834
2	10.791	7023	0.097	28690.466
3	13.042	3284	0.045	29966.499
4	16.612	1483	0.021	130294.788
Total		7222234	100.000	

*** End Of Report ***

MedKoo Biosciences

MedKoo Cat#: 206610
 Name: Niraparib free base
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 CAS#: 1038915-60-4 (free base)
 Chemical Formula: C₁₉H₂₀N₄O
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LC-MS Report

Niraparib Free Base, LCMS Analysis

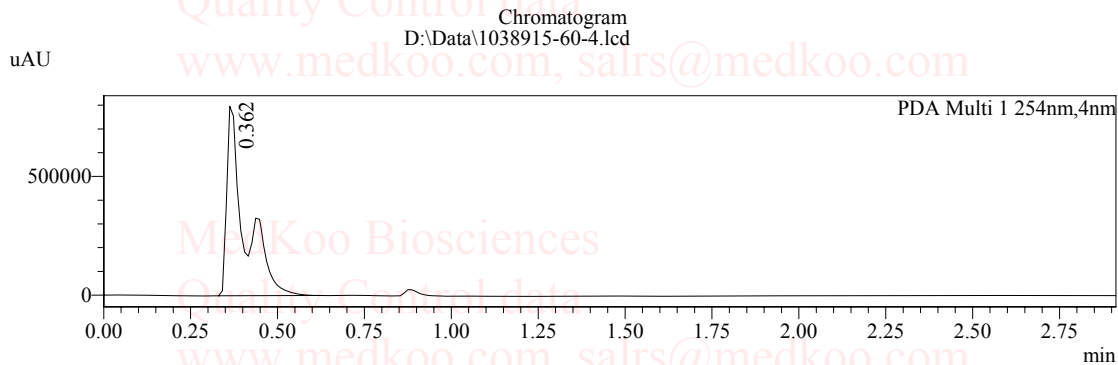
sales@medkoo.com

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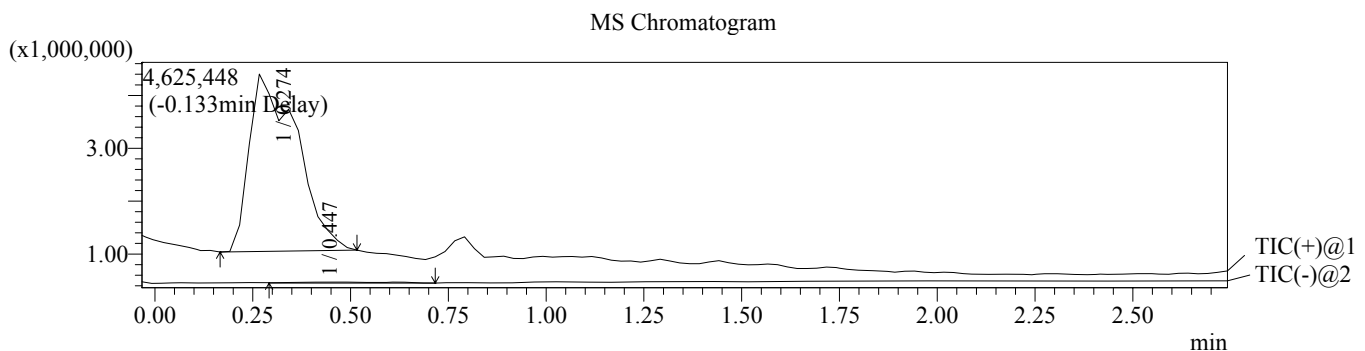
<Sample Information>

LC-MS condition
 Column : Chromolith SpeedROD ,RP-18e,50*4.6mm LCMS-002
 Mobile Phase : A: H2O(0.05%FA)
 B: CH3CN
 Temperature : 35°C
 Flow rate : 2.5mL/min
 Run time : 0.1min@20%B,1.7min gradient(20-95% B), then0.7min@95% B,then0.4min@20% B
 Injection volume : 5 uL
 Detector : UV 220/254nm
 Mass range : 100-1000
 Scan : Postive/Negative
 User name : SZJ
 Notebook page : ---
 Sample description : 1 mg/ml in MeCN
 Data Filename : 1038915-60-4.lcd
 Batch Filename : 1038915-60-4.lcb
 Method Filename : positive-negative 3min-1.lcm
 Vial # : 1-91
 Injection Volume : 2 uL
 Date Acquired : 2017-9-12 8:29:43
 Date Processed : 2017-9-12 8:45:11



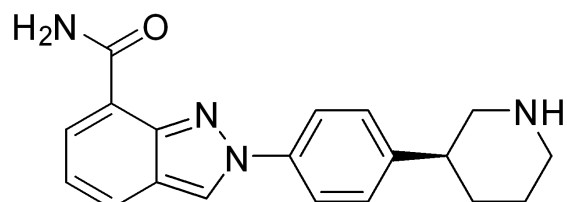
Peak Table

Peak#	Ret. Time	Area	Area%
1	0.362	2915335	100.000
Total		2915335	100.000



MedKoo Cat#: 206610
 Name: Niraparib free base
 Lot#: T7K09C12
 CAS#: 1038915-60-4 (free base)
 Chemical Formula: C19H20N4O
 Exact Mass: 320.1637
 Molecular Weight: 320.39

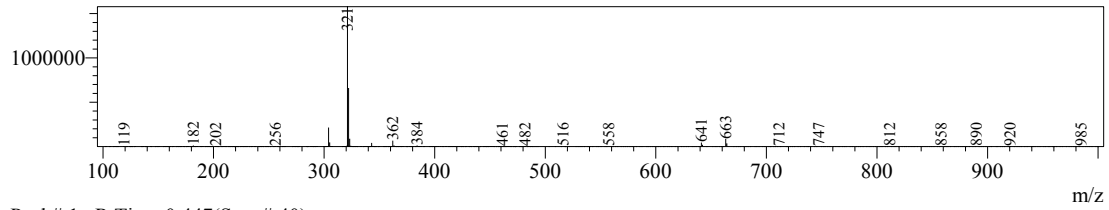
MS Spectrum



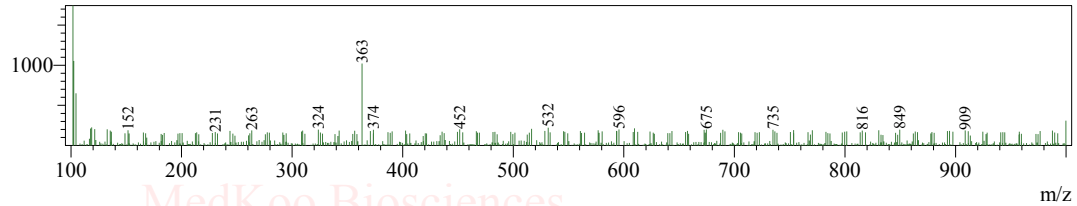
D:\Data\1038915-60-4.lcd

Niraparib Free Base, LCMS Analysis

Peak#:1 R.Time:0.274(Scan#:25)
 MassPeaks:444
 Spectrum Mode:Averaged 0.242-0.292(23-27)
 BG Mode:Calc Segment 1 - Event 1



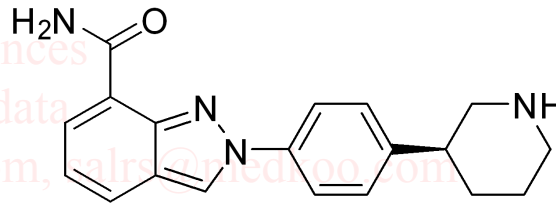
Peak#:1 R.Time:0.447(Scan#:40)
 MassPeaks:632
 Spectrum Mode:Averaged 0.425-0.475(38-42)
 BG Mode:Calc Segment 1 - Event 2



**** End Of Report ****

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 Quality Control data
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 Lot#: T7K09C12
 CAS#: 1038915-60-4 (free base)
 Chemical Formula: C₁₉H₂₀N₄O
 Exact Mass: 320.1637
 Molecular Weight: 320.39



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