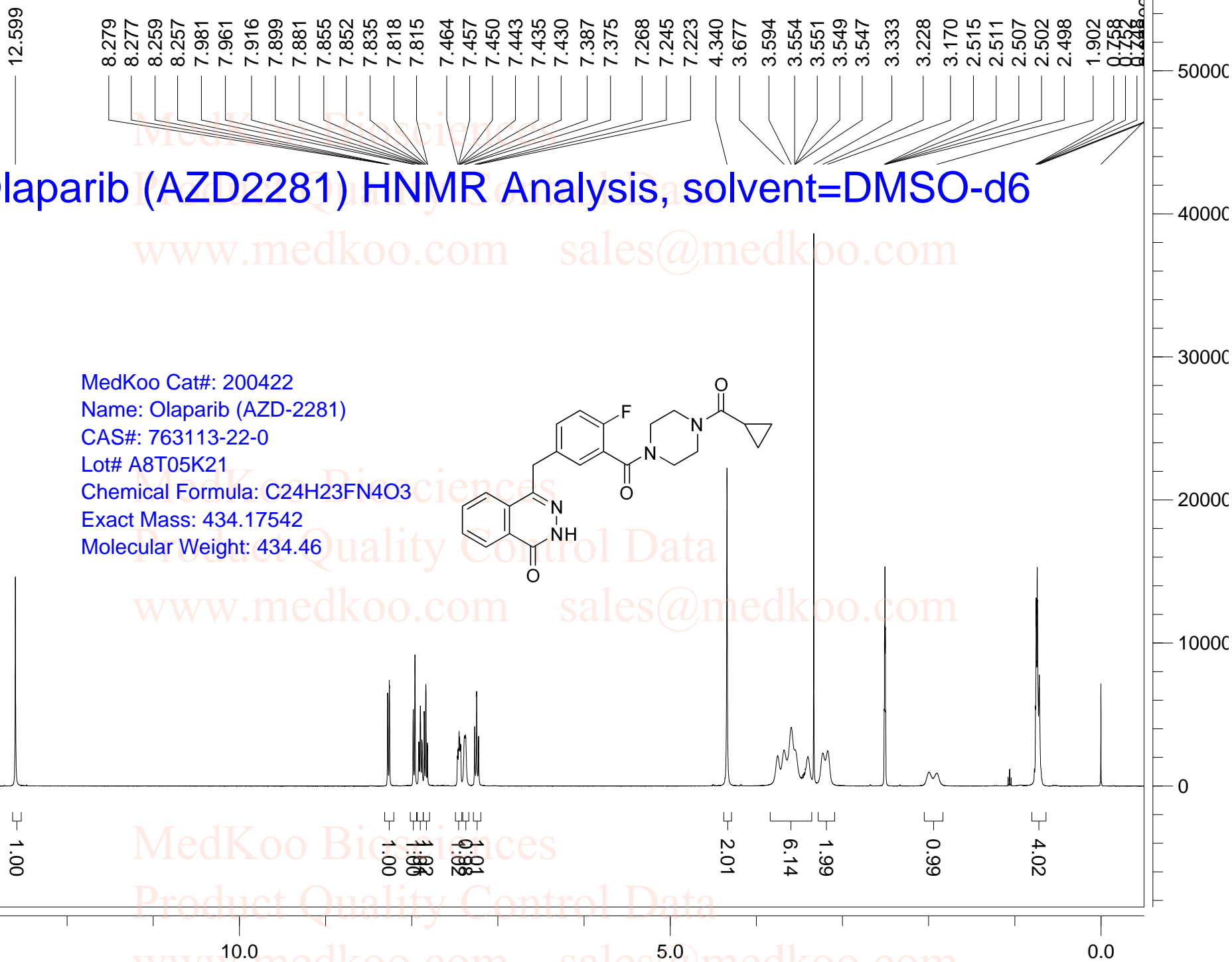
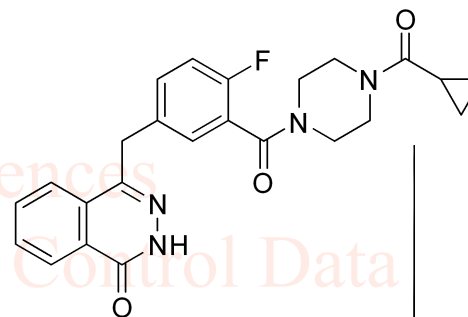


# Olaparib (AZD2281) HNMR Analysis, solvent=DMSO-d6

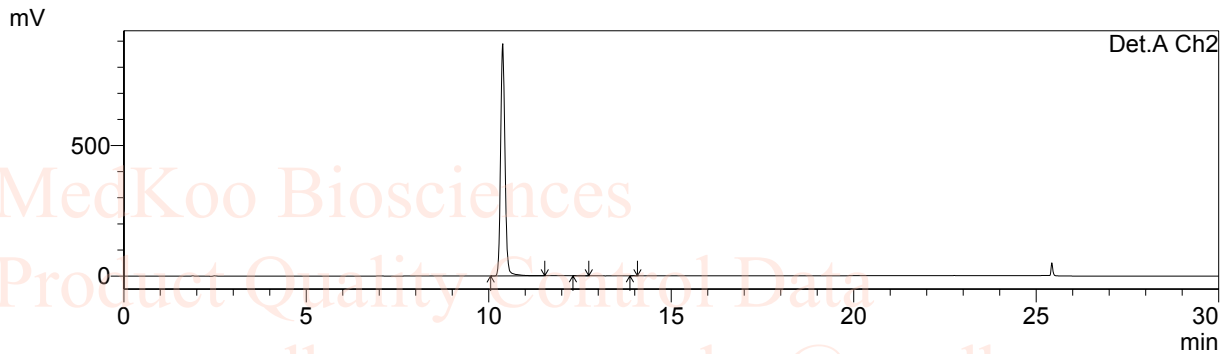
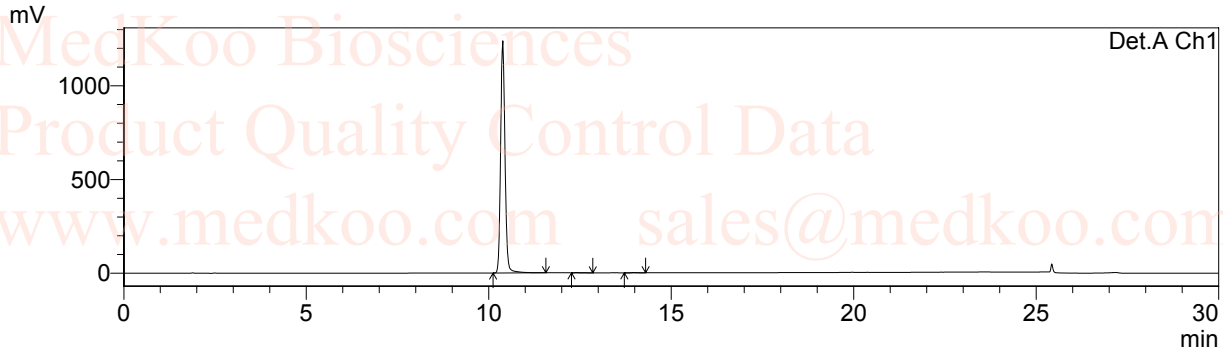
MedKoo Cat#: 200422  
 Name: Olaparib (AZD-2281)  
 CAS#: 763113-22-0  
 Lot# A8T05K21  
 Chemical Formula: C<sub>24</sub>H<sub>23</sub>FN<sub>4</sub>O<sub>3</sub>  
 Exact Mass: 434.17542  
 Molecular Weight: 434.46



# Olaparib (AZD2281) HPLC Analysis

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(20%B), 12min gradient (20%-50%B), 5min gradient (50%-95%B),3 min(95%B),th  
 Detector : UV  
 Wavelength : 220/254 nm  
 User name : 763113-22-0  
 Notebook page :  
 Sample description : 763113-22-0  
 Injection Volume : 763113-22-0

Data File Name : 763113-22-0.lcd  
 Method File Name : 763113-22-0.lcm :



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

PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	10.377	10362815	99.769	33936.077
2	12.411	13441	0.129	61498.714
3	13.970	10514	0.101	67761.910
Total		10386769	100.000	

MedKoo Cat#: 200422

Name: Olaparib (AZD-2281)

CAS#: 763113-22-0

Lot# A8T05K21

Chemical Formula: C24H23FN4O3

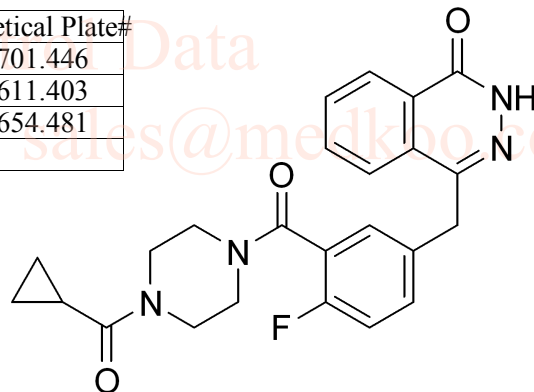
Exact Mass: 434.17542

Molecular Weight: 434.46

PeakTable

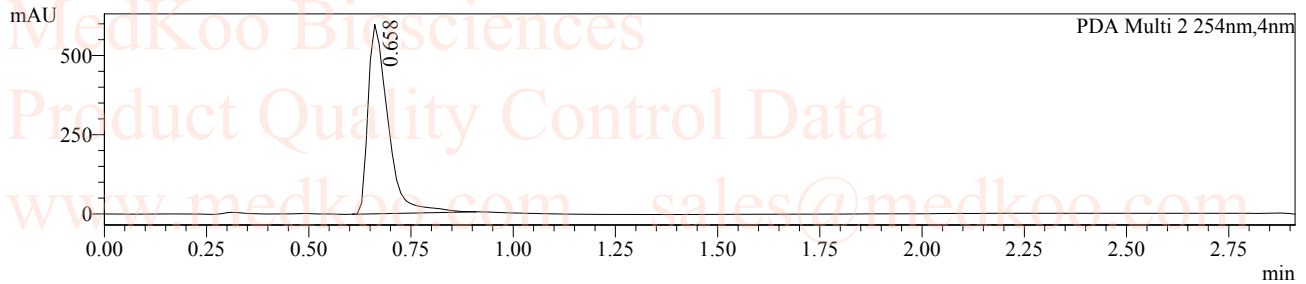
Detector A Ch2 254nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	10.377	7468788	99.887	33701.446
2	12.415	4809	0.064	62611.403
3	13.969	3673	0.049	87654.481
Total		7477271	100.000	

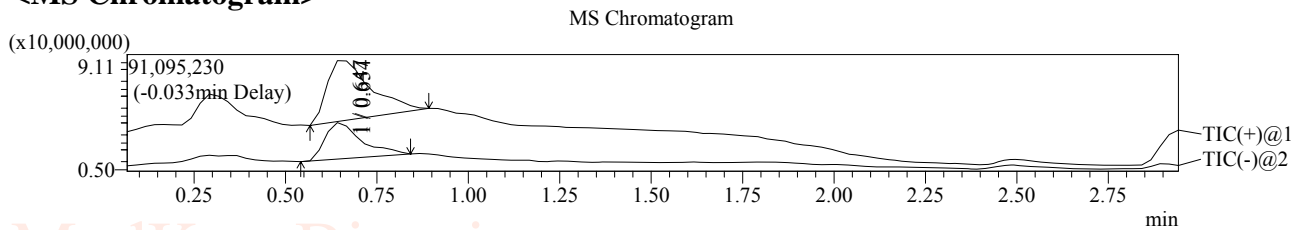


# Olaparib (AZD2281) MS Analysis

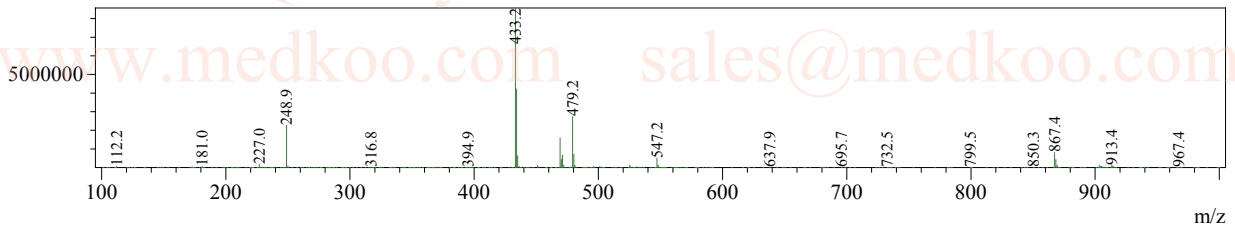
LC-MS condition  
Column : Chromolith SpeedROD ,RP-18e,50\*4.6mm LCMS-002  
Mobile Phase : A: H2O(0.05%FA)  
                  B: CH3CN  
Temperature : 35°C  
Flow rate : 2.5mL/min  
Run time : 0.1min@20%B,1.7min gradient(20-95% B), then0.7min@95% B,then0.4min@20% B  
Injection volume : 5 uL  
Detector : UV 220/254nm  
Mass range : 100-1000  
Scan : Postive/Negative  
User Name : 763113-22-0  
Data Filename : 763113-22-0.lcd  
Batch Filename : 763113-22-0.lcb



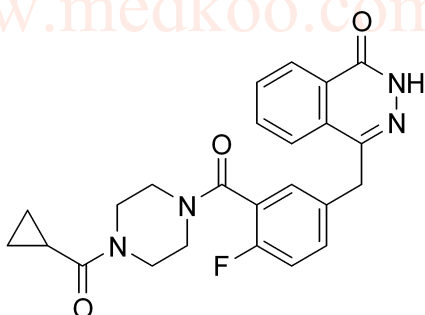
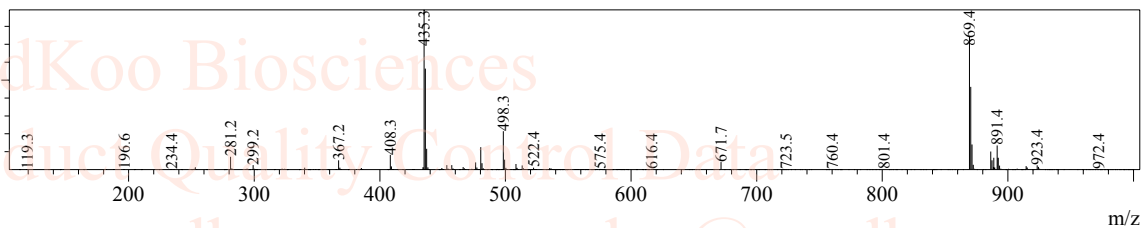
## <MS Chromatogram>



Peak#:1 R.Time:0.647(Scan#:48)  
MassPeaks:348  
Spectrum Mode:Averaged 0.625-0.675(46-50)  
BG Mode:Calc Segment 1 - Event 2



Peak#:1 R.Time:0.654(Scan#:47)  
MassPeaks:396  
Spectrum Mode:Averaged 0.617-0.667(45-49)  
BG Mode:Calc Segment 1 - Event 1



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Exact Mass: 434.17542  
Molecular Weight: 434.46