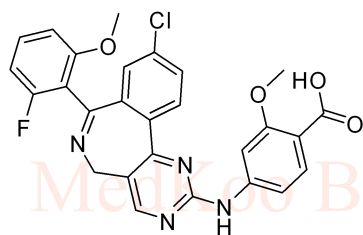


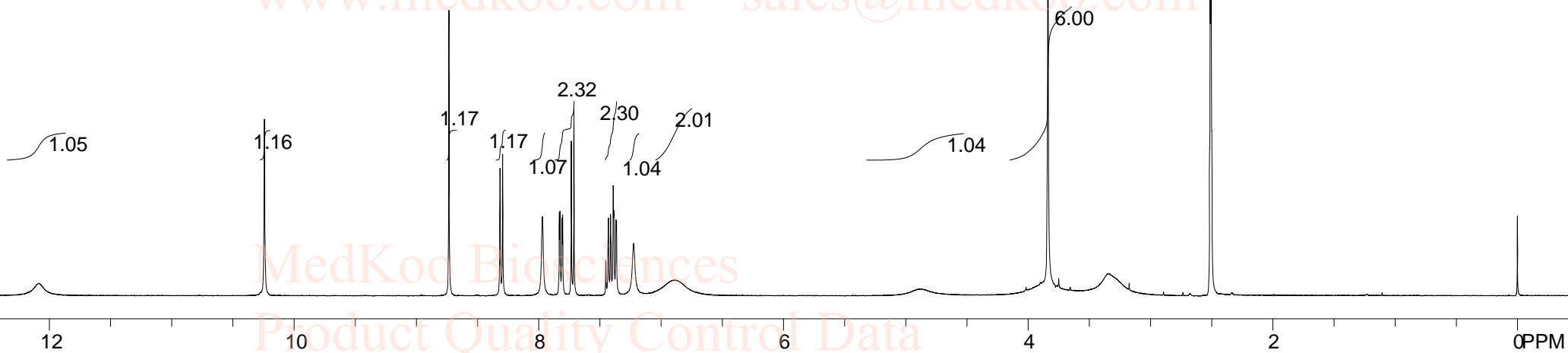
12.088  
12.084  
12.029

8.317  
8.295  
10.243  
7.970  
7.831  
7.826  
7.810  
7.805  
7.733  
7.712  
7.451  
7.434  
7.413  
7.391  
7.386  
7.369  
7.365  
7.224  
7.025  
6.973  
6.930  
6.901  
6.894  
6.853  
6.752  
4.899  
4.892  
4.886  
4.873  
4.862  
4.849  
4.842  
4.826  
4.015  
4.001  
3.986  
3.960  
3.912  
3.899  
3.883  
3.837  
3.788  
3.769  
3.749  
3.722  
3.697  
3.679  
3.653  
3.642  
3.629  
3.620  
3.617  
3.612  
3.535  
3.527  
3.489  
3.454  
3.341  
3.331  
3.173  
3.161  
2.515  
2.511  
2.506

# Alisertib HNMR Analysis, Solvent: DMSO



MedKoo Cat#: 201931  
Name: Alisertib  
CAS#: 1028486-01-2  
Lot#: T21D03P03  
Chemical Formula: C<sub>27</sub>H<sub>20</sub>ClFN<sub>4</sub>O<sub>4</sub>  
Exact Mass: 518.1157  
Molecular Weight: 518.9

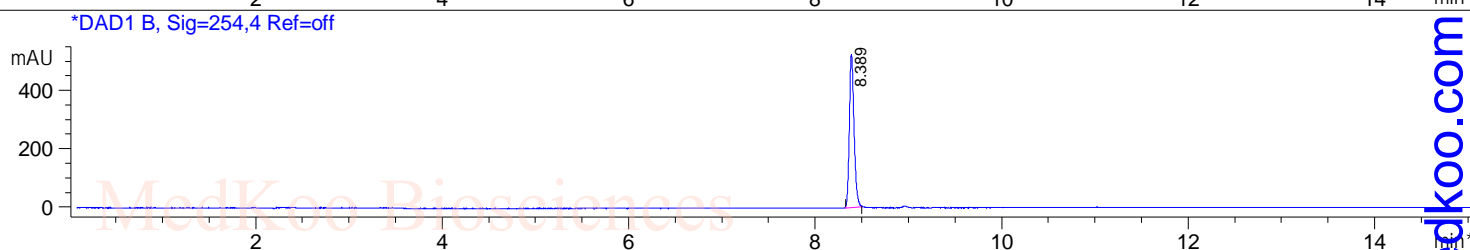
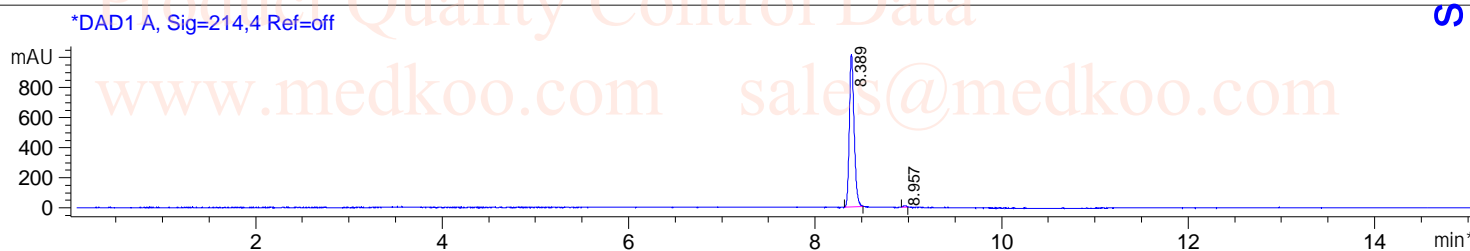


NMRB003, DMSO,

F1: 400.232	F2: 1.000	SW1: 8224	OF1: 2474.8	PTS1d: 32768
EX: zg30	MedKoo Biosciences	PD: 1.00000000	www.medkoo.com	LB: 0.0 sales@medkoo.com Nuts - \$pdata

# Alisertib HPLC Analysis

Sample Name : Alisertib Tgt Mass(EZX) :  
Acq. Operator : Location : P2-C-05  
Spec. Reported : MS Integration Inj : 1  
Acq. Method : D:\METHODS\1-POS-15MIN.M Inj Volume : 1 ul  
Analysis Method : D:\METHODS\1-POS-15MIN.M  
Sample Info : Easy-Access Method: '1-POS-15MIN.M'  
Method Info : Mobile Phase: A: water(0.01%TFA) B: ACN(0.01%TFA)  
Gradient: 5%B increase to 95%B within 8.0 min, 95%B for 7.0 min.  
Flow Rate: 1.0ml/min  
Column:Luna C18(2) 100A,5um,4.6\*150mm  
Column Temperature: 40 C  
Detection:UV(214,4nm) and MS(ESI,Pos mode,110 to 1500 amu)

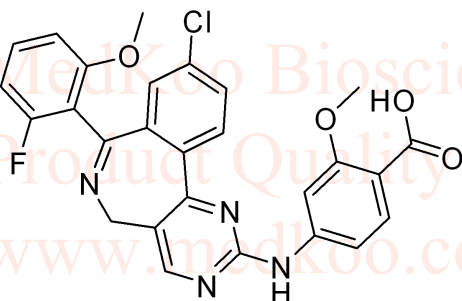


## Integration Results for DAD1 A, Sig=214,4 Ref=off

RetTim	Width	Area	Height	Area%
8.39	0.05	3600.78	1019.57	99.20
8.96	0.03	28.90	11.48	0.80

## Integration Results for DAD1 B, Sig=254,4 Ref=off

RetTim	Width	Area	Height	Area%
8.39	0.05	1832.09	525.87	100.00



MedKoo Cat#: 201931

Name: Alisertib

CAS#: 1028486-01-2

Lot#: T21D03P03

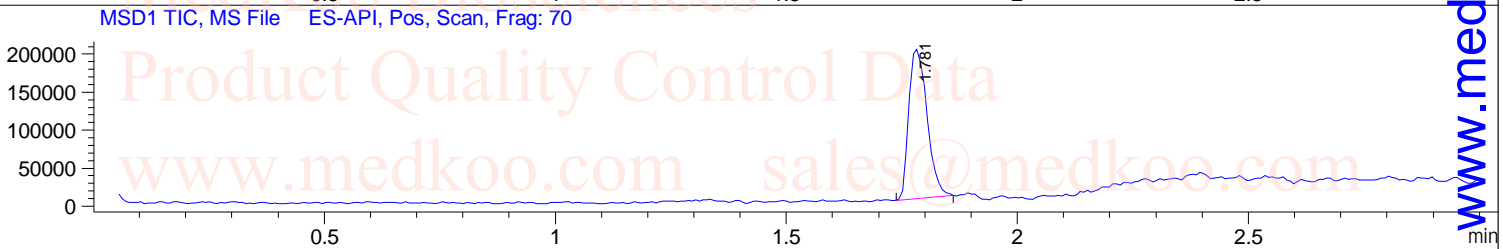
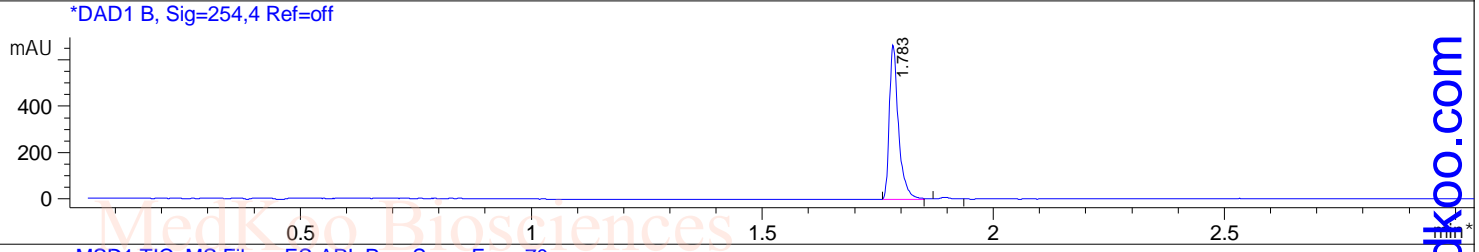
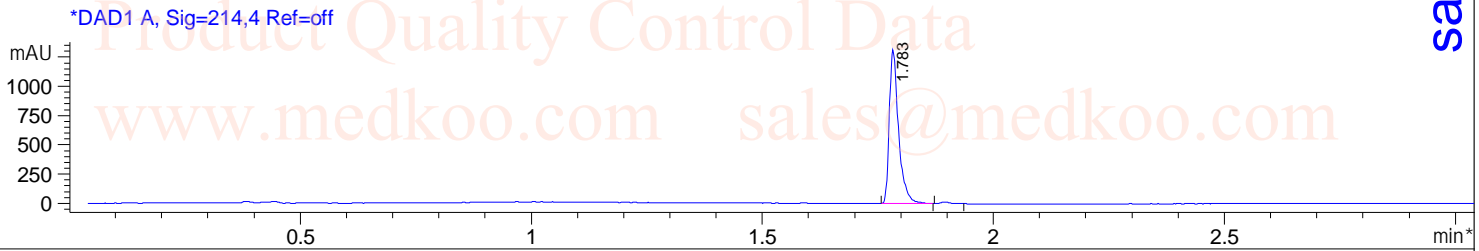
Chemical Formula: C<sub>27</sub>H<sub>20</sub>ClFN<sub>4</sub>O<sub>4</sub>

Exact Mass: 518.1157

Molecular Weight: 518.9

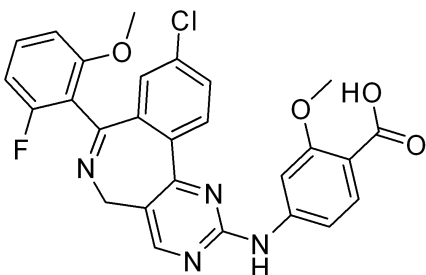
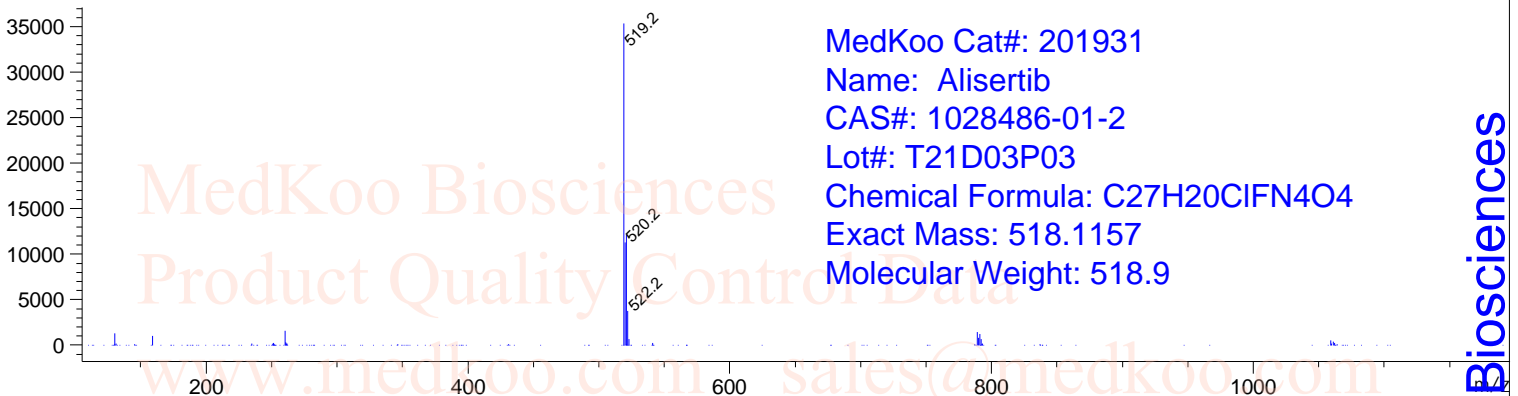
# Alisertib LC/MS Analysis

Sample Name : Alisertib Tgt Mass(EZX) :  
Acq. Operator : Location : P2-A-06  
Spec. Reported : MS Integration Inj : 1  
Acq. Method : D:\METHODS\1-POS-3MIN.M Inj Volume : 1.3 ul  
Analysis Method : D:\METHODS\1-POS-3MIN.M  
Sample Info : Easy-Access Method: '1-POS-3MIN.M'  
Method Info : Mobile Phase: A: water(0.01%TFA) B: ACN(0.01%TFA)  
Gradient: 5%B increase to 95%B within 1.3 min, 95%B for 1.7 min.  
Flow Rate: 2.0ml/min  
Column:Sunfire C18,4.6\*50mm,3.5um  
Column Temperature: 50 C  
Detection:UV(214,4nm) and MS(ESI,Pos mode,110 to 1200 amu)



Ret. Time: 1.78 <<<< POSITIVE SPECTRA >>>>

ES-API Positive



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