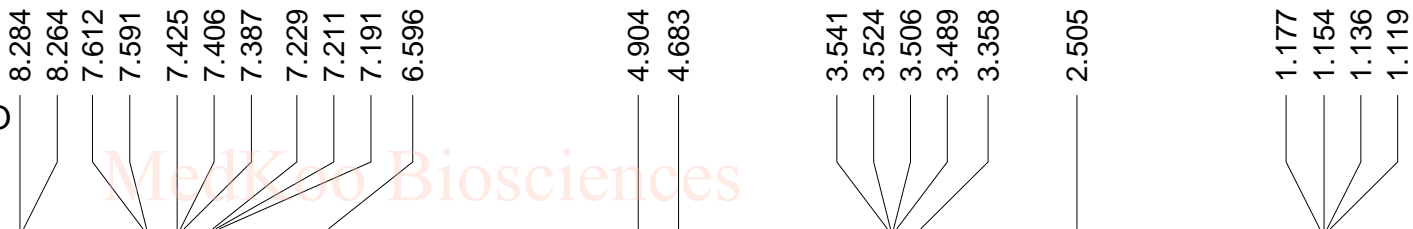
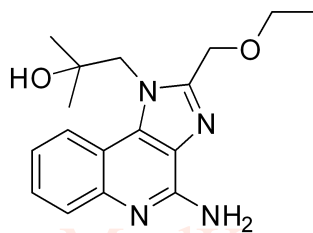


144875-48-9, d6-DMSO

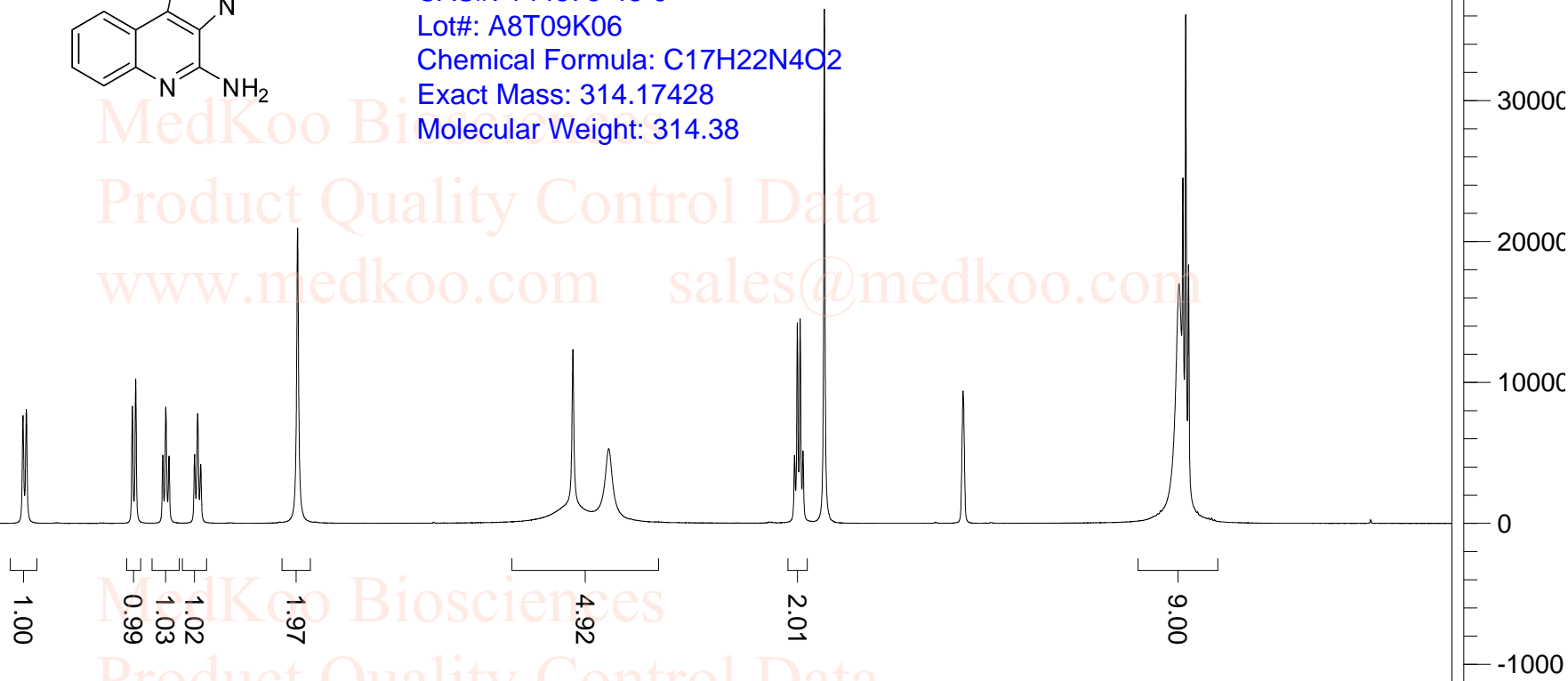


# Resiquimod HNMR Analysis, Solvent = DMSO-d6

www.medkoo.com sales@medkoo.com



MedKoo Cat#: 205867  
Name: Resiquimod  
CAS#: 144875-48-9  
Lot#: A8T09K06  
Chemical Formula: C<sub>17</sub>H<sub>22</sub>N<sub>4</sub>O<sub>2</sub>  
Exact Mass: 314.17428  
Molecular Weight: 314.38



10.0

5.0

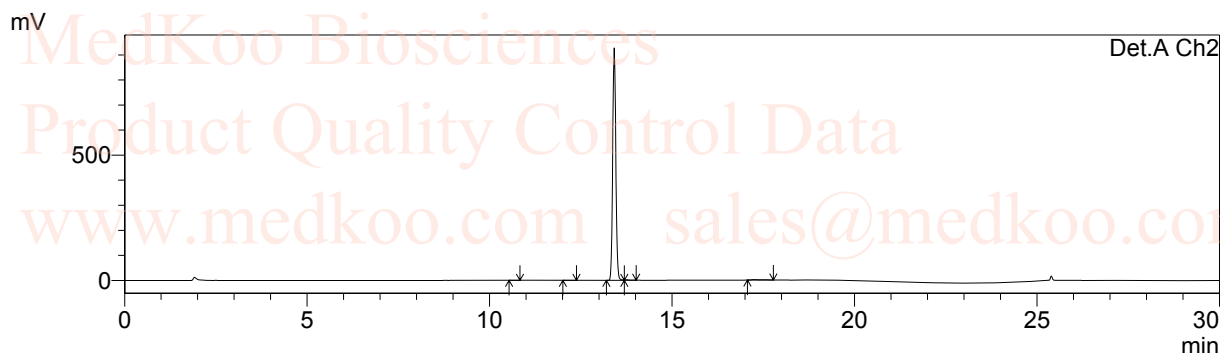
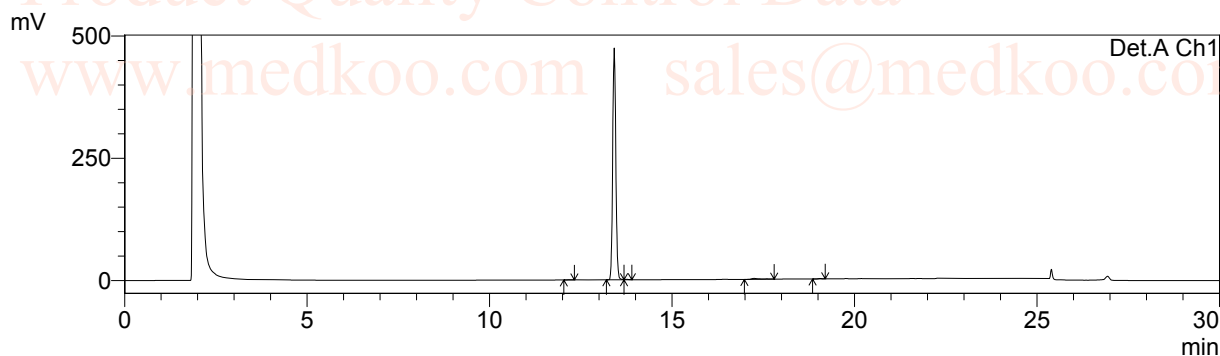
0.0

ppm (t1)

# Resiquimod 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(10%B), 12min gradient (10%-50%B),5 min gradient(50%-95%B),then 3min (95%  
 7min gradient(95%-10%B)  
 Detector : UV  
 Wavelength : 220/254 nm  
 User name : 144875-48-9  
 Notebook page :  
 Sample description : 144875-48-9  
 Injection Volume : 144875-48-9  
 Data File Name : 144875-48-9.lcd  
 Method File Name : 10-95-220-254.lcm

## Product Quality Control Data



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

### PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	12.158	1795	0.065	68810.778
2	13.411	2821727	98.141	99396.829
3	13.752	5971	0.208	67214.778
4	17.245	29550	1.031	46927.360
5	19.052	5822	0.203	192112.470
Total		2864865	100.000	

MedKoo Cat#: 205867

Name: Resiquimod

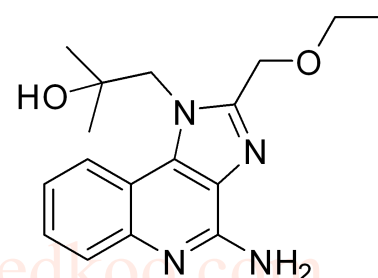
CAS#: 144875-0009

Lot#: A8209K06

Chemical Formula: C17H22N4O2

Exact Mass: 314.17428

Molecular Weight: 314.38



### PeakTable

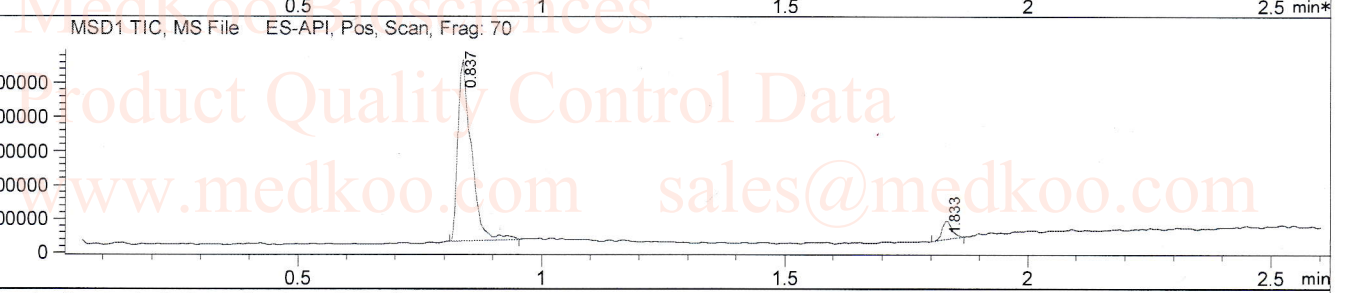
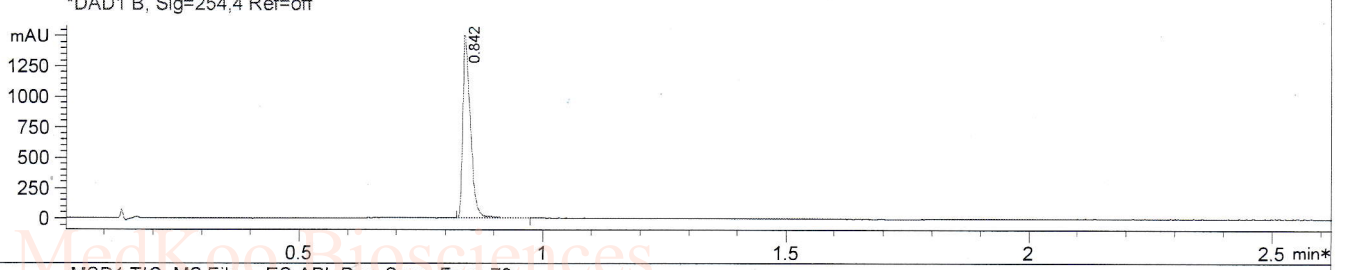
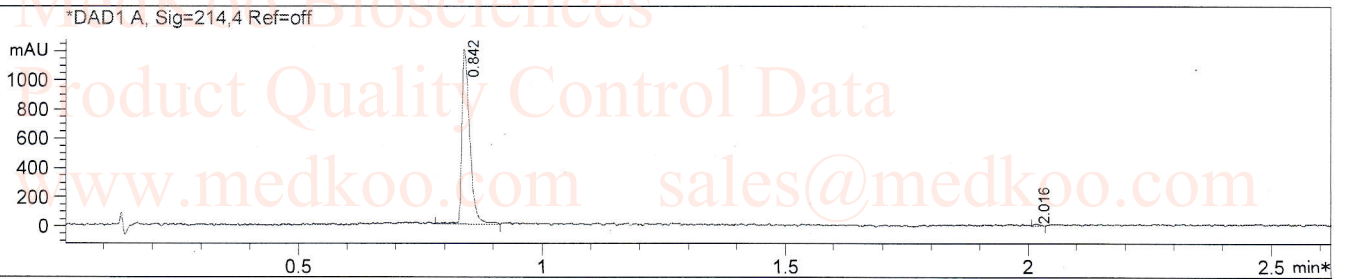
Detector A Ch2 254nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	10.662	3808	0.068	58737.411
2	12.159	6035	0.108	69739.394
3	13.411	5539637	98.997	99396.443
4	13.752	16282	0.291	57758.093
5	17.244	29975	0.536	50985.285
Total		5595737	100.000	

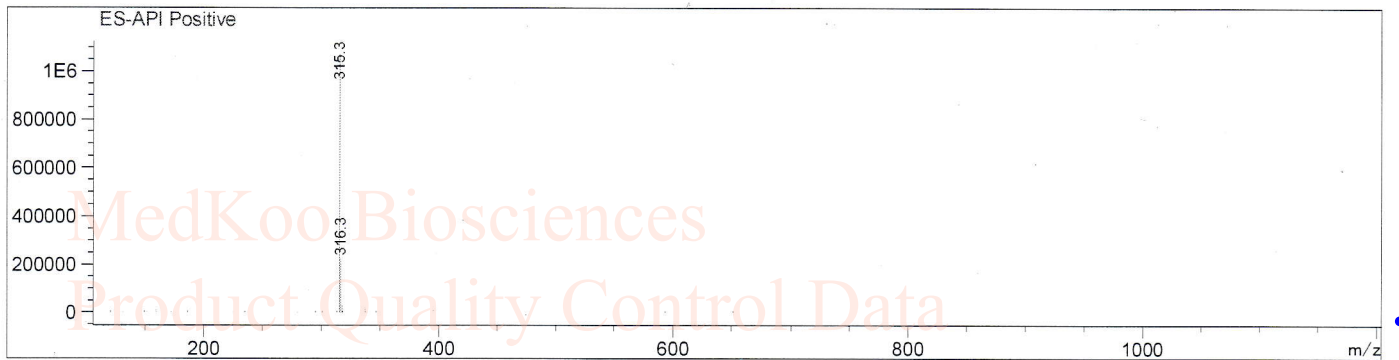
# Resiquimod MS Analysis

Method Info : Mobile Phase: A: Water(0.01%TFA) B: ACN(0.01%TFA)  
Gradient: 5%-95% B in 1.5min  
Flow Rate: 1.5ml/min  
Column: KINETEX C18 5um ,3.0\*30mm  
Oven Temperature: 50 C  
MASS Range:110-1200

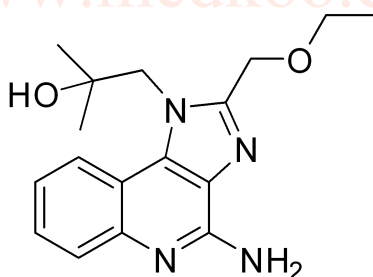
MedKoo Biosciences  
Product Quality Control Data  
www.medkoo.com sales@medkoo.com



Ret. Time: 0.84 <<<< POSITIVE SPECTRA >>>>



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CAS#: 144875-48-9  
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Chemical Formula: C17H22N4O2  
Exact Mass: 314.17428  
Molecular Weight: 314.38

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