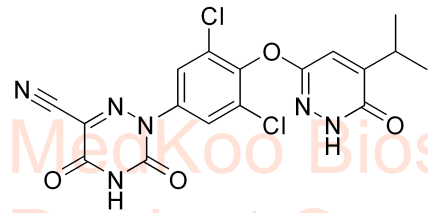
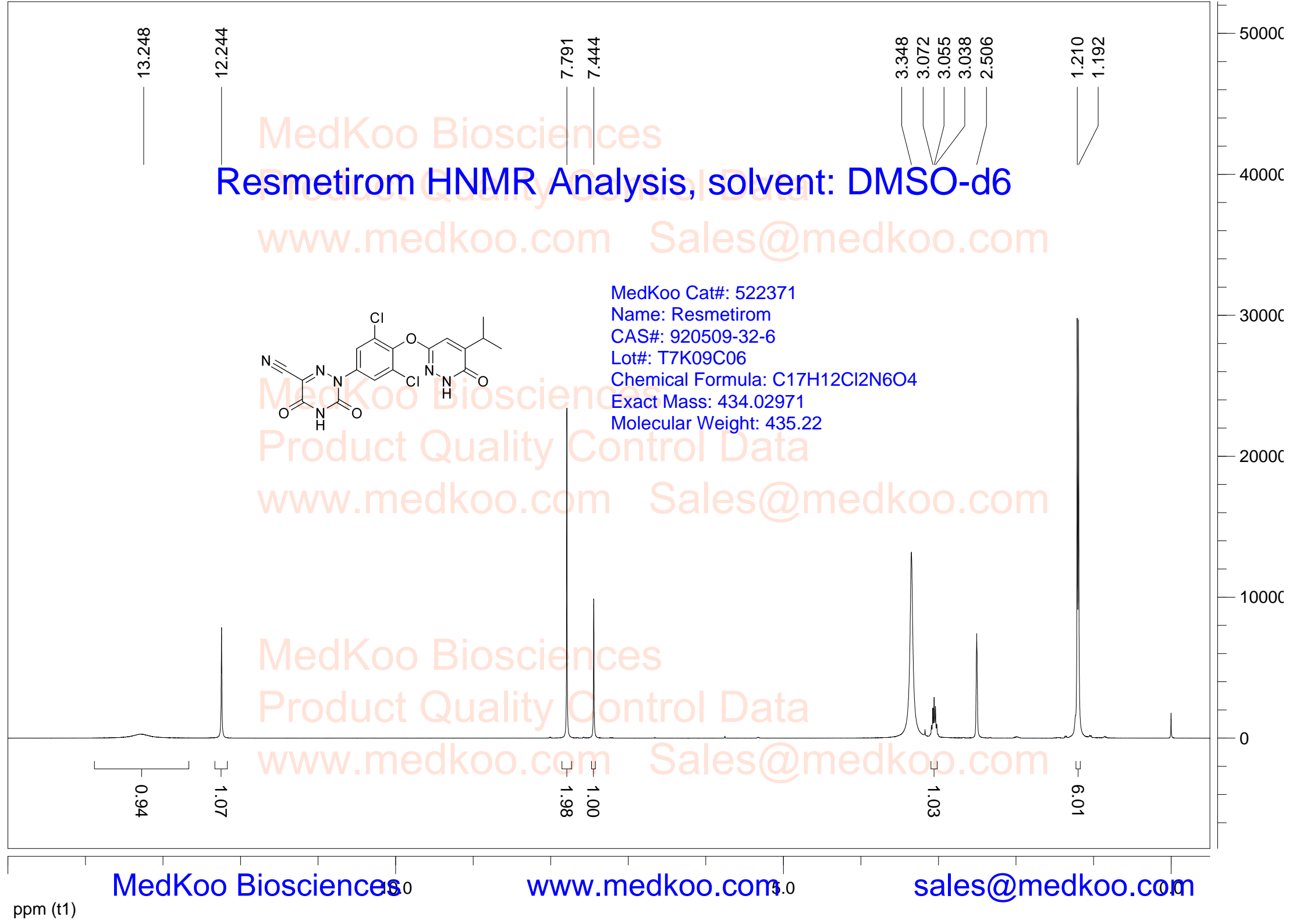


# Resmetirom HNMR Analysis, solvent: DMSO-d6

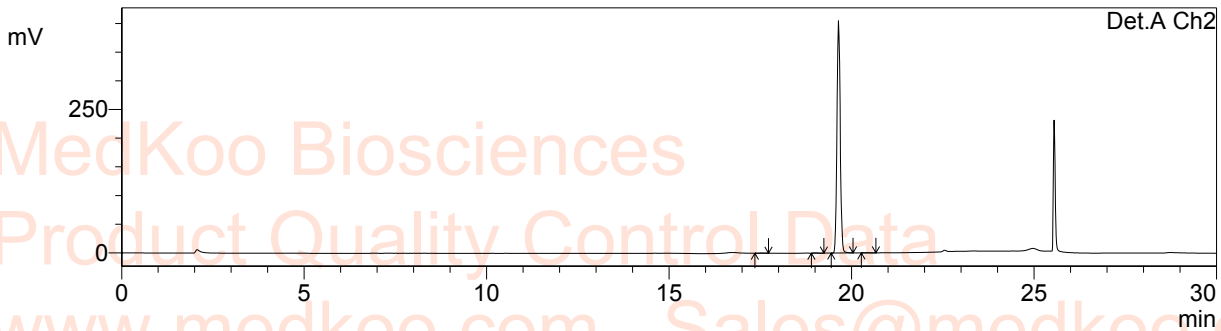
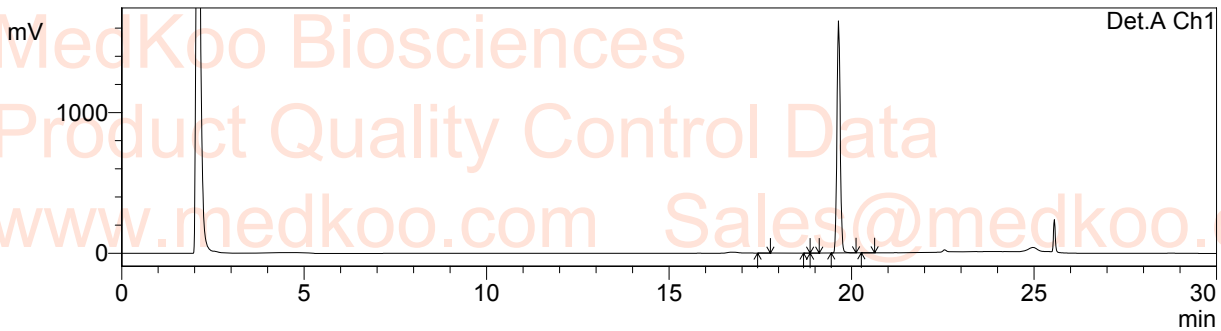


MedKoo Cat#: 522371  
Name: Resmetirom  
CAS#: 920509-32-6  
Lot#: T7K09C06  
Chemical Formula: C<sub>17</sub>H<sub>12</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>4</sub>  
Exact Mass: 434.02971  
Molecular Weight: 435.22



# Resmetirom 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 grac  
 Detector : UV  
 Wavelength : 220/254 nm  
 User name : (JU-0904-1) Data File Name : (JU-0904-1).lcd  
 Notebook page : Method File Name : (JU-0904-1).lcm  
 Sample description : 1mg/ml in ACN  
 Injection Volume : 1 uL



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

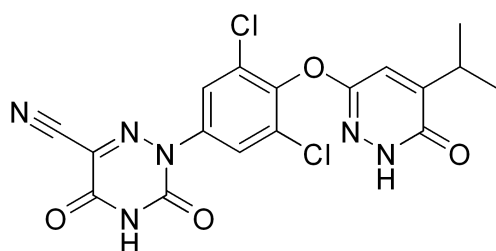
PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	17.543	8002	0.077	127955.307
2	18.773	3076	0.030	189250.621
3	18.997	10763	0.103	202455.415
4	19.640	10399286	99.726	194125.164
5	20.437	6700	0.064	150536.143
Total		10427828	100.000	

Detector A Ch2 254nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	17.548	2021	0.079	119519.762
2	18.998	2032	0.080	215932.034
3	19.640	2535667	99.751	196958.122
4	20.440	2276	0.090	149951.619
Total		2541996	100.000	



MedKoo Cat#: 522371

Name: Resmetirom

CAS#: 920509-32-6

Lot# T7K09C06

Chemical Formula: C17H12Cl2N6O4

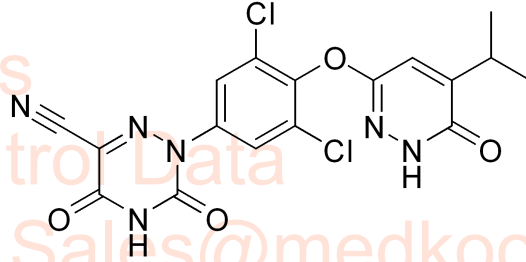
Exact Mass: 434.02971

Molecular Weight: 435.22

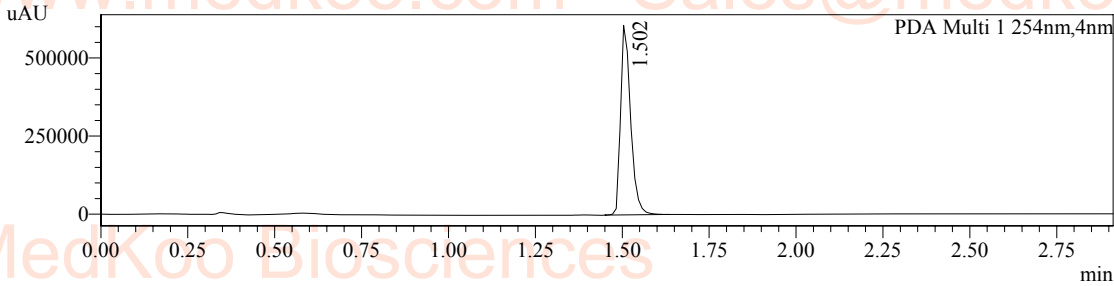
# Resmetirom LC/MS Analysis

## <Sample Information>

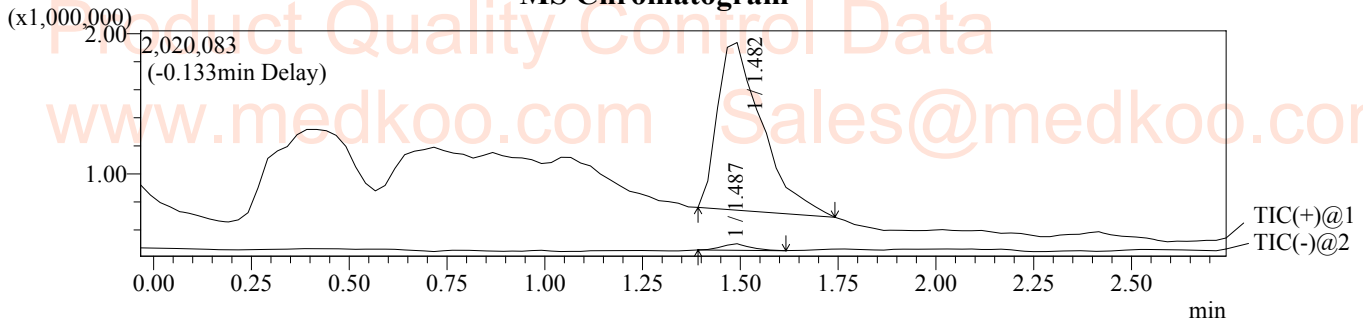
LC-MS condition  
Column : Chromolith SpeedROD ,RP-18e,50\*4.6mm LCMS-002  
Mobile Phase : A: H2O(0.05%FA)  
                  B: CH3CN  
Temperature : 35°C  
Flow rate : 2.5mL/min  
Run time : 0.1min@20%B,1.7min gradient(20-95% B), then0.7min@95% B,then0.4min@20% B  
Injection volume : 5 uL  
Detector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



## Chromatogram

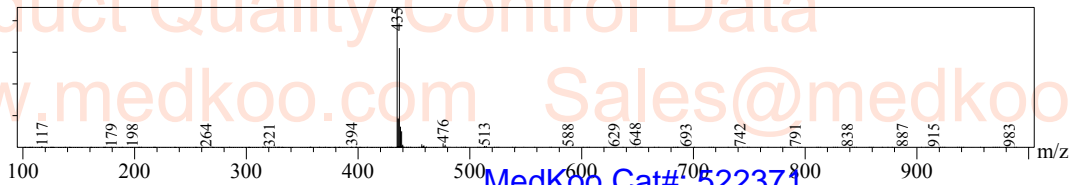


## MS Chromatogram

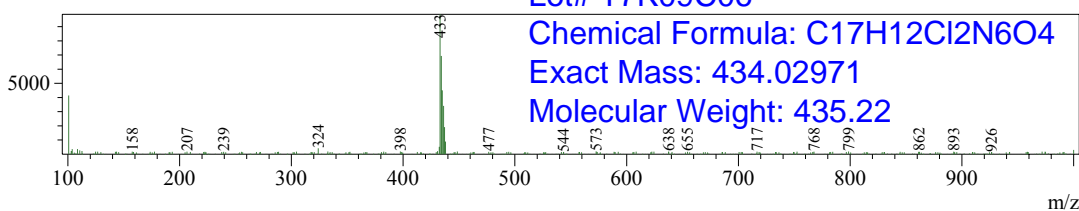


## MS Spectrum

Pea #1 R.Time:1.482(Scan#:121)  
MassPeaks:465  
Spectrum Mode:Averaged 1.442-1.492(119-123)  
BG Mode:Calc Segment 1 - Event 1



Peak#:1 R.Time:1.487(Scan#:122)  
MassPeaks:516  
Spectrum Mode:Averaged 1.450-1.500(120-124)  
BG Mode:Calc Segment 1 - Event 2



MedKoo Cat#: 522371

Name: Resmetirom

CAS#: 920509-32-6

Lot# T7K09C06

Chemical Formula: C17H12Cl2N6O4

Exact Mass: 434.02971

Molecular Weight: 435.22