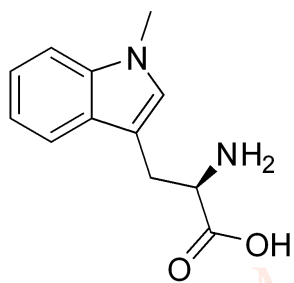
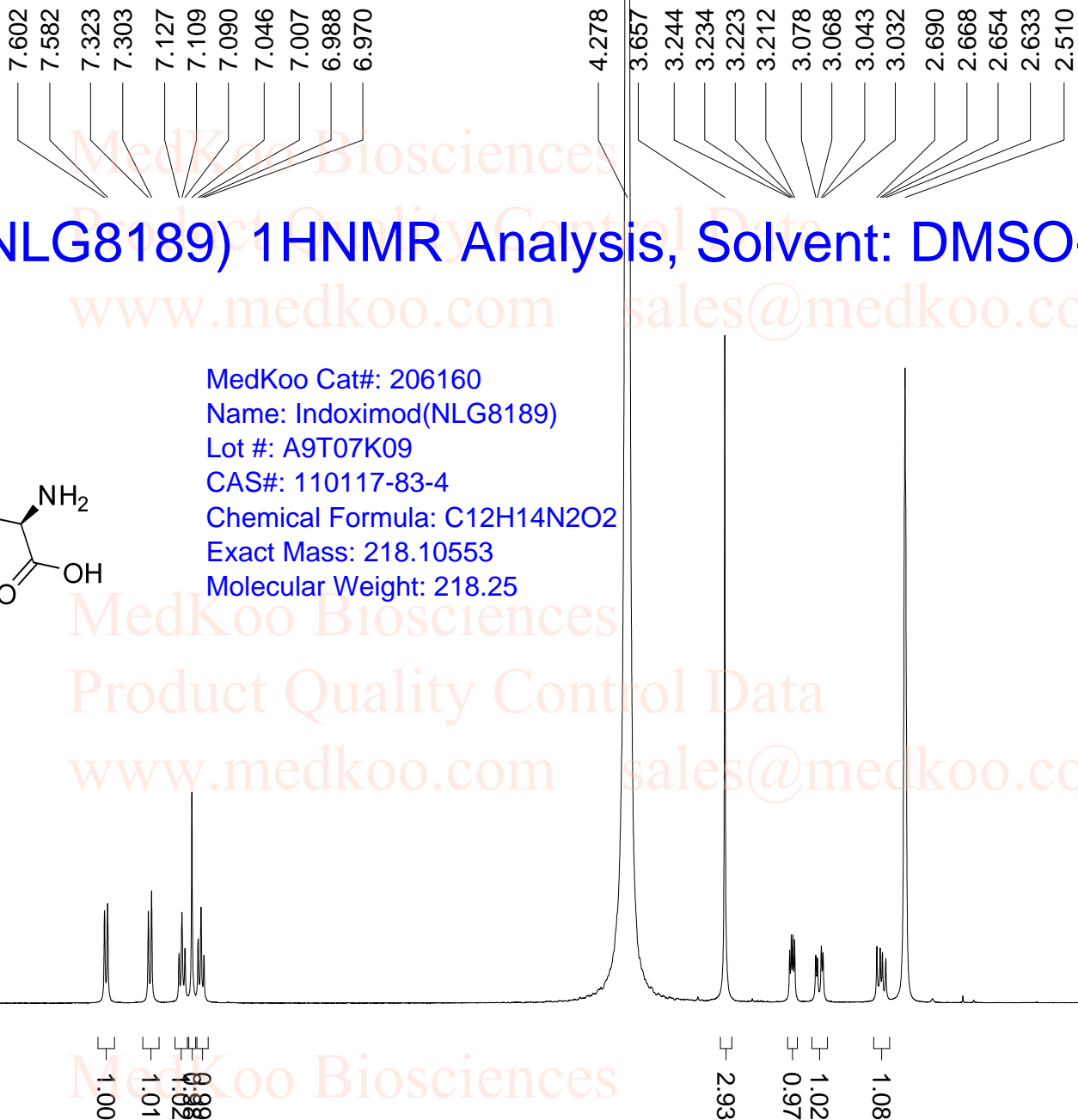


Indoximod(NLG8189) 1HNMR Analysis, Solvent: DMSO-d6 & D2O



MedKoo Cat#: 206160
Name: Indoximod(NLG8189)
Lot #: A9T07K09
CAS#: 110117-83-4
Chemical Formula: C₁₂H₁₄N₂O₂
Exact Mass: 218.10553
Molecular Weight: 218.25



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

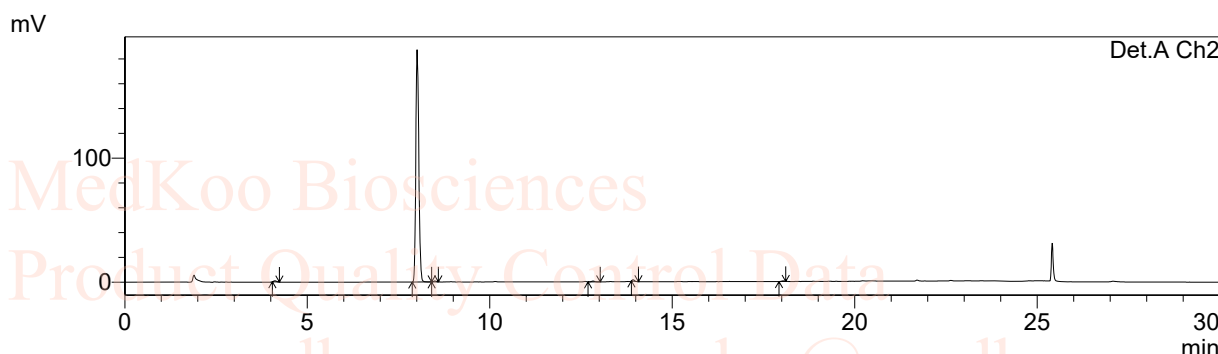
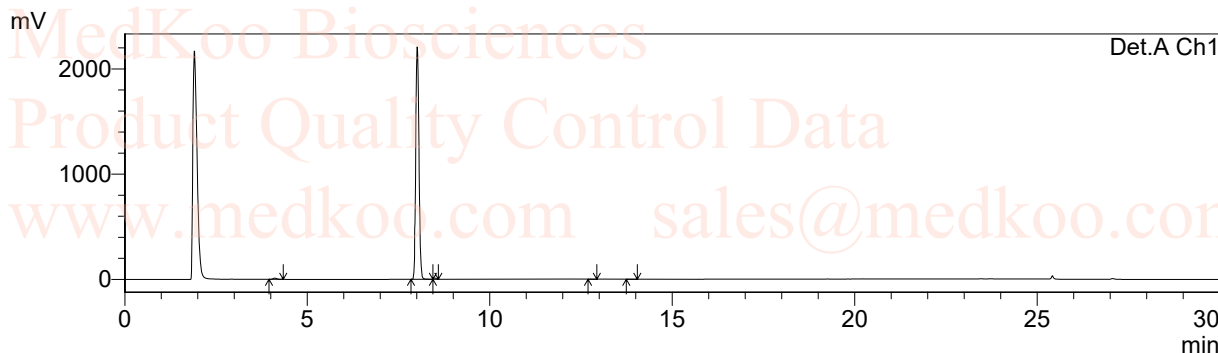
MedKoo Biosciences
Product Quality Control Data
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Indoximod(NLG8189) HPLC Report

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 : 0.8mL/min
 Run time : 10min gradient(20%-30%B), 5min gradient (30%B),10 min gradient(30%-50%B),then 3min (50%
 5min gradient(80%B),12min gradient(20%B)
 Detector : UV
 Wavelength : 220/254 nm
 User name : PC E-005
 Notebook page :
 Sample description : in ACN
 Injection Volume : 3 uL

Data File Name : 110117-83-4.lcd
 Method File Name : M324-011.lcm

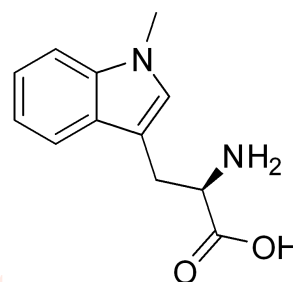


1 Det.A Ch1/220nm
 2 Det.A Ch2/254nm

PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	4.107	84573	0.612	6452.052
2	8.008	13664981	98.850	33799.982
3	8.489	54246	0.392	53791.466
4	12.826	13434	0.097	120899.995
5	13.923	6755	0.049	134695.207
Total		13823989	100.000	



PeakTable

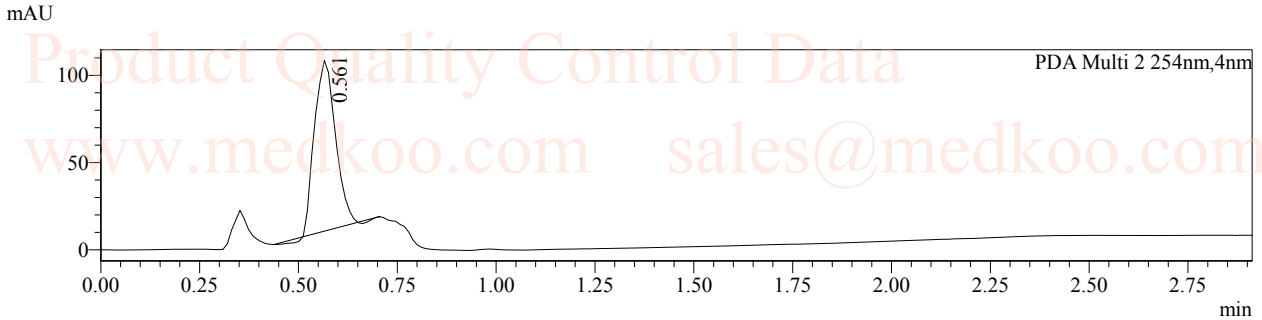
Detector A Ch2 254nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	4.107	4735	0.435	10269.583
2	8.006	1070715	98.374	37993.753
3	8.489	3726	0.342	53999.221
4	12.827	3274	0.301	116848.889
5	13.923	3686	0.339	233316.649
6	18.036	2282	0.210	242233.195
Total		1088418	100.000	

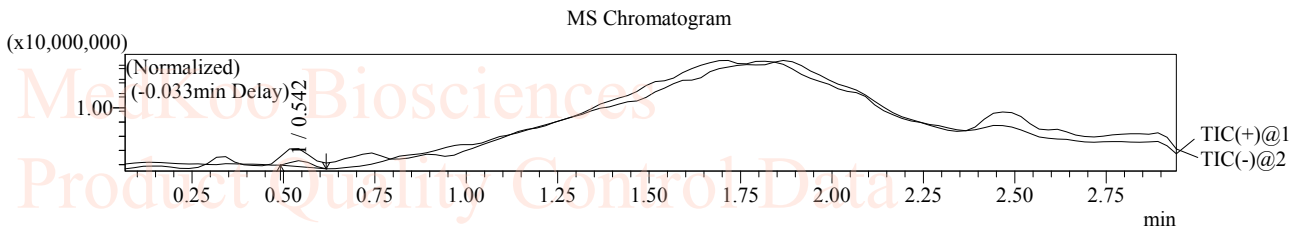
MedKoo Cat#: 206160
 Name: Indoximod(NLG8189)
 Lot #: A9T07K09
 CAS#: 110117-83-4
 Chemical Formula: C₁₂H₁₄N₂O₂
 Exact Mass: 218.10553
 Molecular Weight: 218.25

Indoximod(NLG8189) LC- MS Report

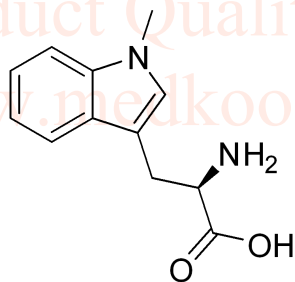
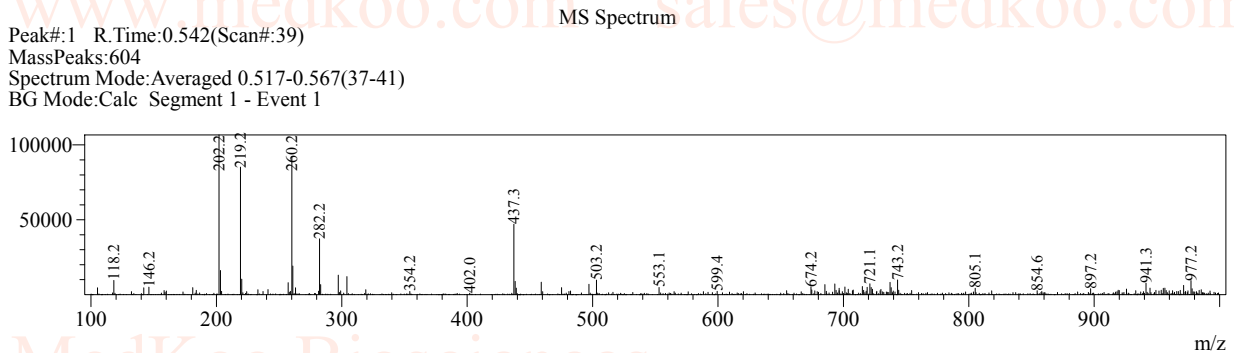
LC-MS condition
Column : Inertsustain C18,50*4.6mm 5um
Mobile Phase : A: H2O(0.1%FA)
 B: CH3CN
Temperature : 35jæ
Flow rate : 2.5mL/min
Run time : 0.1min@15%B,1.7min gradient(20-95% B), then0.7min@95% B,then0.4min@20% B
Injection volume : 5 uL
Detector : UV 220/254nm
Mass range : 100-1000
Scan : Postive/Negative
Data Filename : 0708-4.lcd



<MS Chromatogram>



Peak#:1 R.Time:0.542(Scan#:39)
MassPeaks:604
Spectrum Mode:Averaged 0.517-0.567(37-41)
BG Mode:Calc Segment 1 - Event 1



MedKoo Cat#: 206160
Name: Indoximod(NLG8189)
Lot #: A9T07K09
CAS#: 110117-83-4
Chemical Formula: C12H14N2O2
Exact Mass: 218.10553
Molecular Weight: 218.25