

Thiomyrystoyl HNMR Analysis, Solvent = DMSO-d6

Product Quality Control Data

www.medkoo.com Sales@medkoo.com

MedKoo Cat#: 407437

Name: Thiomyrystoyl

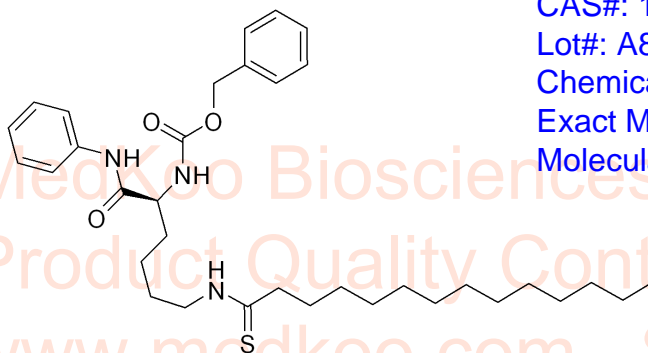
CAS#: 1429749-41-6

Lot#: A8T08K25

Chemical Formula: C₃₄H₅₁N₃O₃S

Exact Mass: 581.3651

Molecular Weight: 581.86



10.004
9.887

7.614
7.540
7.286
7.033

5.041

4.135

3.479
3.331

2.510
2.475

1.621

1.290
1.233

0.838

1.00
1.01

2.94
7.39
1.07

2.04

1.02

1.99

1.06

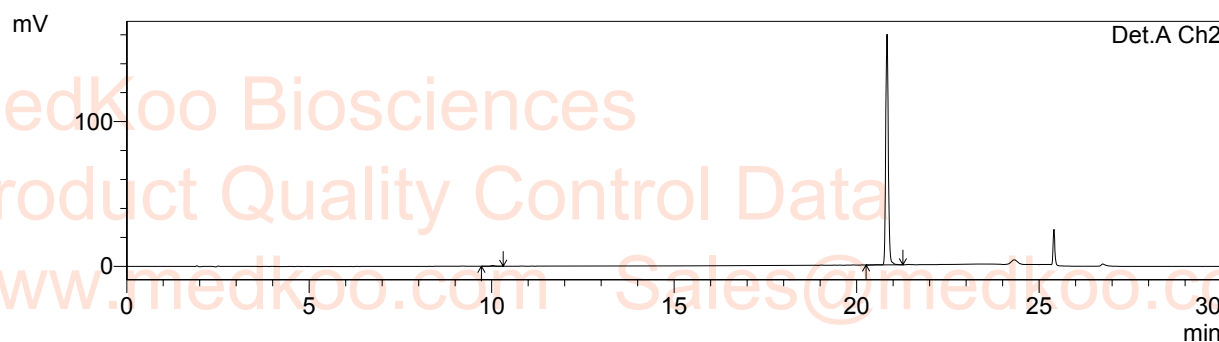
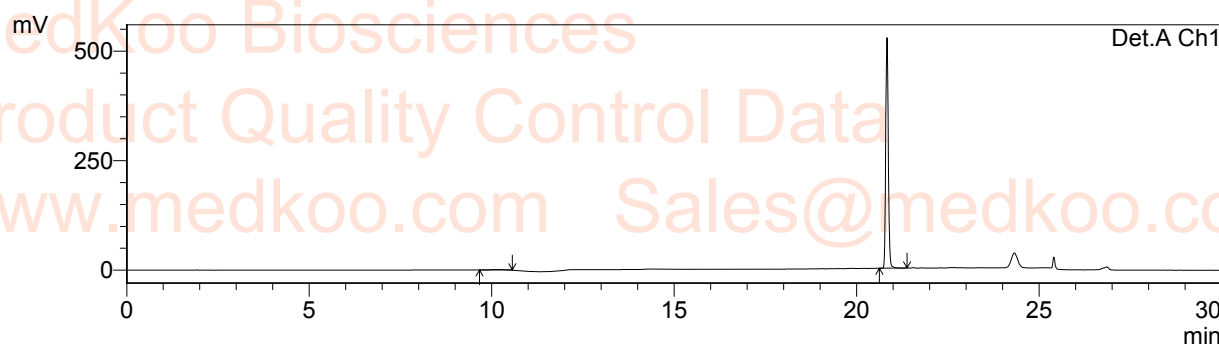
6.09
23.08

3.12

Thiomyristoyl 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(30%B), 15min gradient (30%-70%B),5 min(70%B),then 7min @(30%B)
 Detector : UV
 Wavelength : 220/254 nm
 User name : 1429749-41-6
 Notebook page :
 Sample description : in ACN
 Injection Volume : 1429749-41-6

Data File Name : 1429749-41-6.lcd
 Method File Name : 10-95-220-254.lcm



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

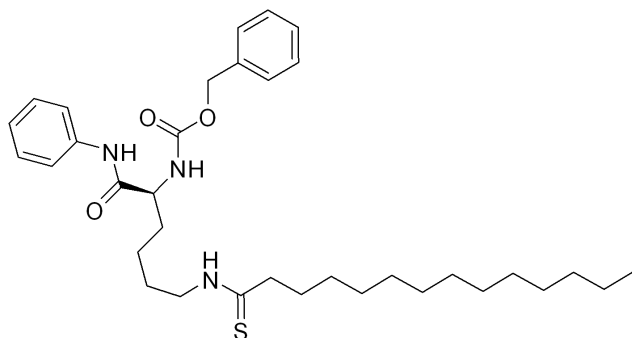
PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	10.022	7775	0.300	45105.433
2	20.827	2580275	99.700	335165.628
Total		2588050	100.000	

Detector A Ch2 254nm

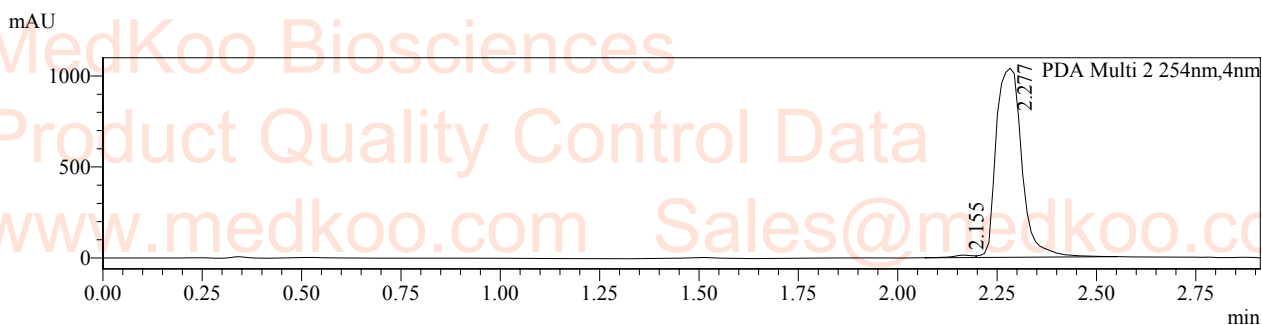
Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	10.021	3325	0.420	45403.919
2	20.827	788952	99.580	335625.500
Total		792276	100.000	



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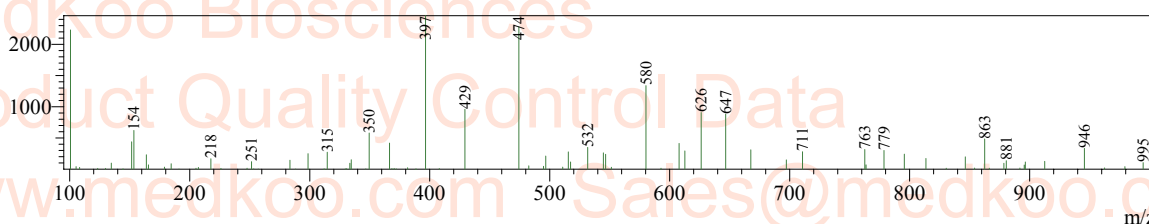
Thiomyristoyl LC/MS Analysis

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 : 0.6min@15%B,3.2min gradient(15-95% B), then0.5min@95% B,then0.7min@15% B
Injection volume : 5 uL
Detector : UV 254nm
Mass range : 100-1000
Scan : Postive/Negative
User Name : 1429749-41-6
Data Filename : 1429749-41-6.lcd

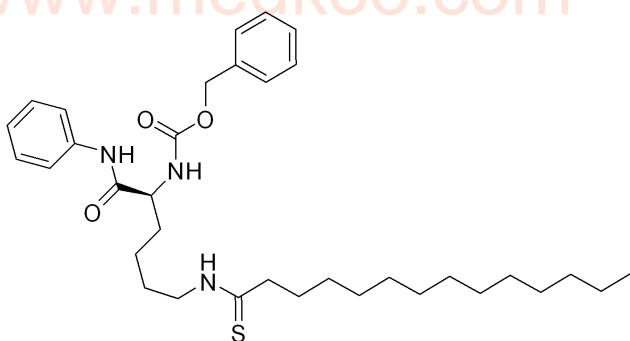
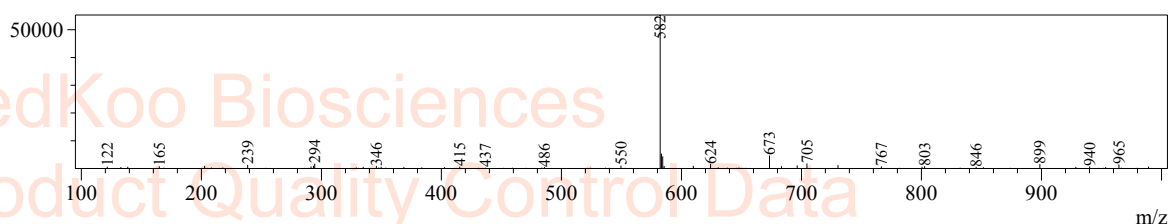


MS Spectrum

Peak#:1 R.Time:2.229(Scan#:174)
MassPeaks:82
Spectrum Mode:Averaged 2.200-2.250(172-176)
BG Mode:Calc Segment 1 - Event 2



Peak#:1 R.Time:2.229(Scan#:173)
MassPeaks:129
Spectrum Mode:Averaged 2.192-2.242(171-175)
BG Mode:Calc Segment 1 - Event 1



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