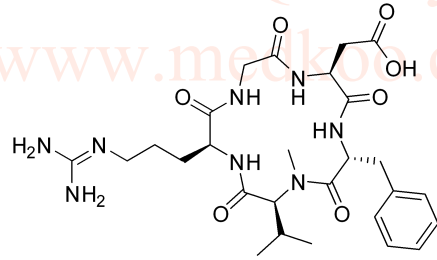


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7.241
7.232
7.225
7.187
7.169
7.155
7.151

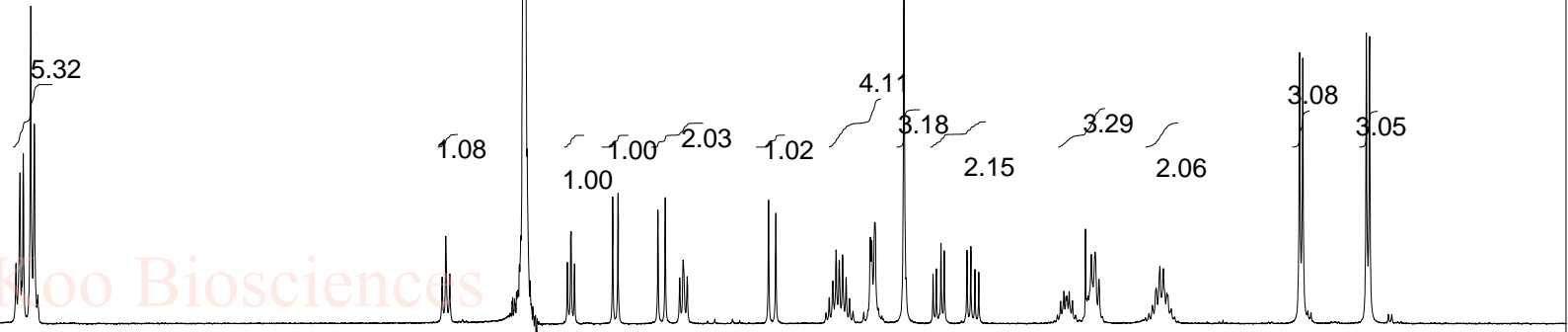
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5.092
5.072
4.757
4.754
4.745
4.735
4.728
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4.667
4.478
4.461
4.459
4.442
4.250
4.223
4.021

3.984
3.911
3.894
3.874
3.463
3.427
3.157
3.139
3.122
3.106
3.089
3.072
3.055
2.949
2.943
2.928
2.779
2.769
2.633
2.617
2.593
2.577
2.462
2.443
2.422
2.403
1.990
1.973
1.962
1.957
1.947
1.930
1.864
1.860
1.852
1.835
1.816
1.796

Cilengitide free base HNMR Analysis, Solvent:D2O



MedKoo Cat#: 333194
Name: Cilengitide free base
CAS#: 188968-51-6 (free base)
Lot#: T20D09P01
Chemical Formula: C₂₇H₄₀N₈O₇
Exact Mass: 588.302
Molecular Weight: 588.67



10 8 6 4 2 0 PPM

NMRB003, D2O,

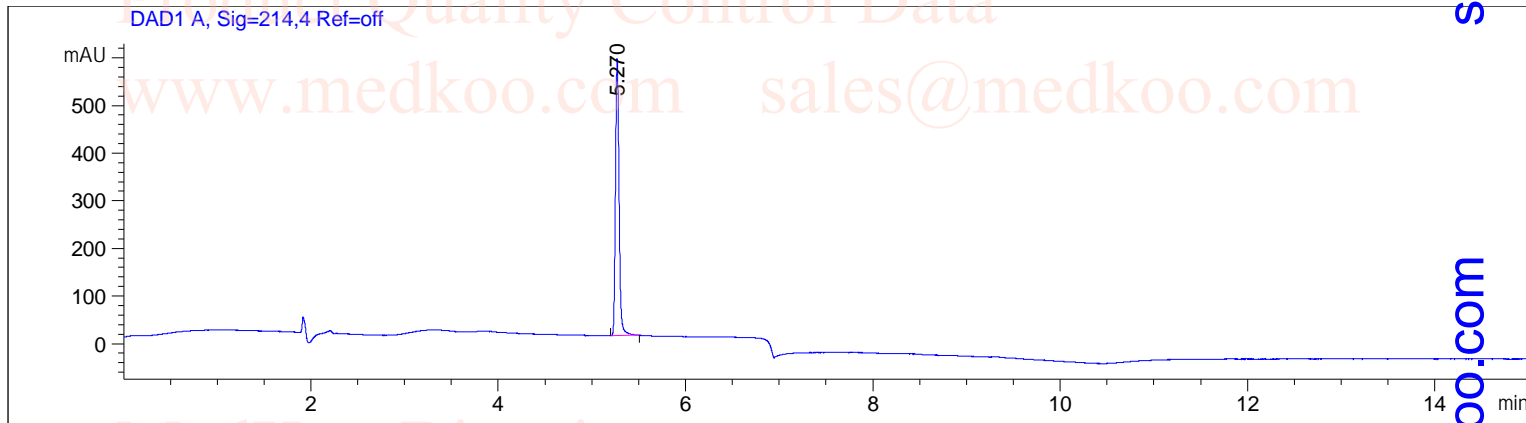
F1: 400.232 F2: 1.000 SW1: 8224 OF1: 2471.0 PTS1d: 32768

EX: zg30 MedKoo Biosciences sales@medkoo.com PD: 1.000 LB: 0.0 Nuts - \$pdata

Cilengitide free base HPLC Analysis

=====
 Acq. Operator :
 Acq. Instrument : HPLCA004 Location : P1-B-09
 Sample Name : Cilengitide Inj Volume : 2.0 µl
 Method : C:\CHEM32\1\METHODS\2-HPLC-15MIN.M
 Method Info : Mobile Phase: A: water(0.05%TFA) B: ACN(0.05%TFA)
 Gradient: 5% increase to 95%B within 8 min, 95%B for 7 min.
 Flow Rate: 1.0ml/min
 Column: Luna C18(2), 4.6*150mm, 5µm
 Column Temperature: 40 C

Sample Info : Easy-Access Method: '2-HPLC-15MIN'



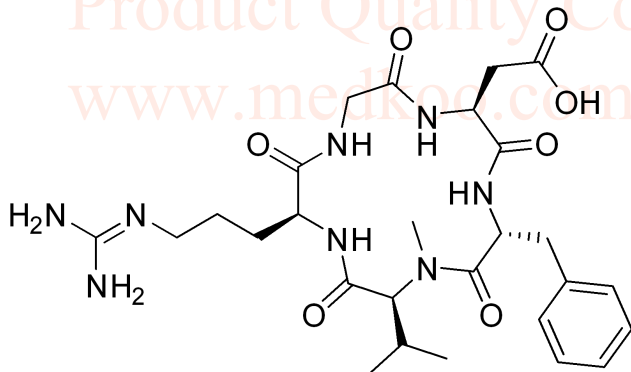
=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=214,4 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	5.270	BB	0.0416	1564.04187	581.61151	100.0000

Totals : 1564.04187

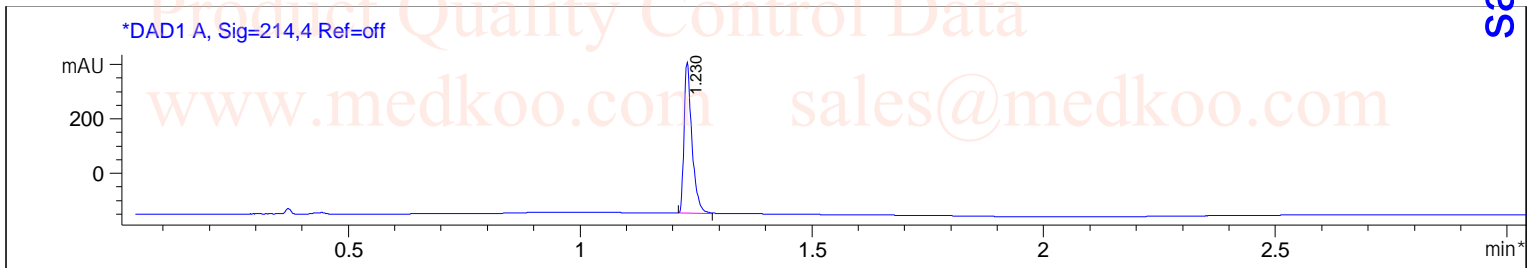


MedKoo Cat#: 333194
 Name: Cilengitide free base
 CAS#: 188968-51-6 (free base)
 Lot#: T20D09P01
 Chemical Formula: C27H40N8O7
 Exact Mass: 588.302
 Molecular Weight: 588.67

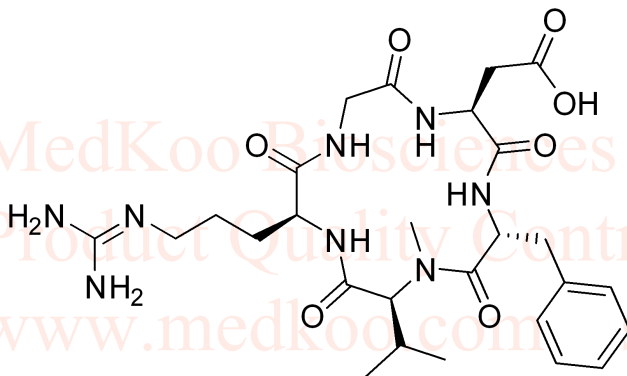
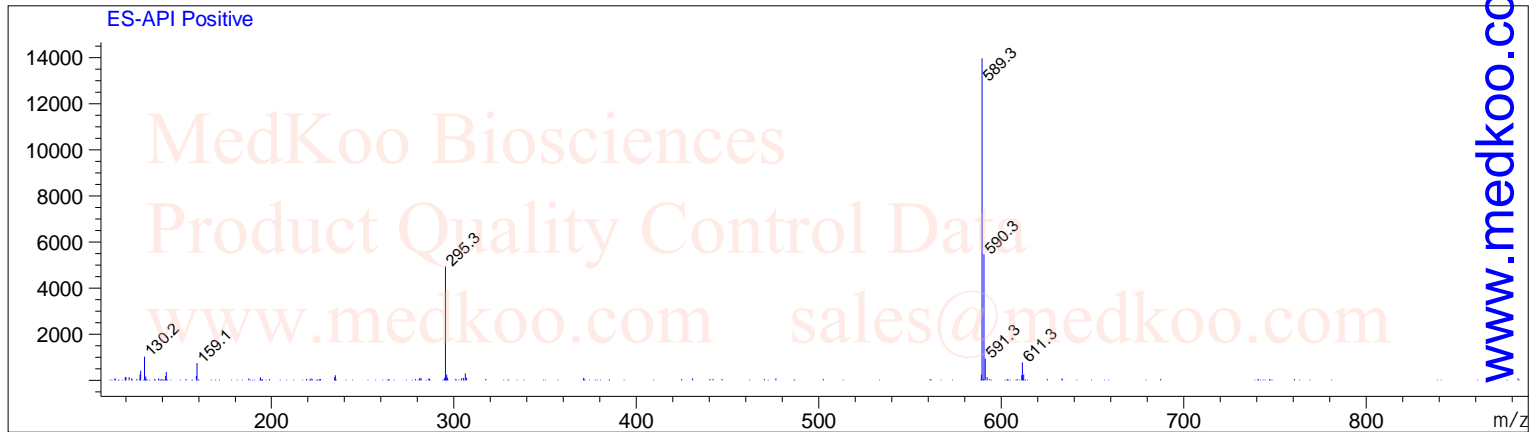
sales@medkoo.com
 www.medkoo.com
 MedKoo Biosciences

Cilengitide free base LC/MS Analysis

Sample Name : Tgt Mass(EZX) :
Acq. Operator : Cilengitide Location : P2-B-07
Spec. Reported : MS Integration Inj : 1
Acq. Method : D:\METHODS\1-POS-3MIN.M Inj Volume : 1.2 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 1000 amu)



Ret. Time: 1.24 <<<< POSITIVE SPECTRA >>>>



MedKoo Cat#: 333194
Name: Cilengitide free base
CAS#: 188968-51-6 (free base)
Lot#: T20D09P01
Chemical Formula: C₂₇H₄₀N₈O₇
Exact Mass: 588.302
Molecular Weight: 588.67