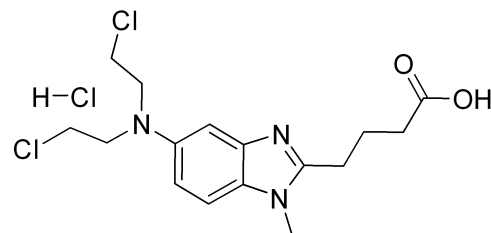


Bendamustine HCl HNMR Analysis in DMSO

MedKoo Biosciences

Product Quality Control Data

www.medkoo.com sales@medkoo.com



MedKoo Code#: 200470
 Name: Bendamustine HCl
 CAS#: 3543-75-7
 Lot#: A20T03K31
 Chemical Formula: C₁₆H₂₂Cl₃N₃O₂
 Molecular Weight: 394.72

7.743
7.719
7.144
7.138
7.120
7.115
6.903
6.898
3.902
3.847
3.832
3.817
3.793
3.780
3.765
3.758
3.374
3.172
3.153
3.133
2.513
2.509
2.504
2.500
2.495
2.434
2.416
2.398
2.029
2.009
1.991

0.74

0.79

1.00
0.97 0.94

7.65

3.00

1.96

1.97

1.94

15

10

5

0

PPM

n DMSO,

F1: 400.132

F2: 1.000

SW1: 8224

OF1: 2469.7

PTS1d: 32768

EX: zg30

PW: 13.0 usec

PD: 1.0 sec

NA: 32

LB: 0.0

Nuts - \$pdata

MedKoo Biosciences

www.medkoo.com

sales@medkoo.com

Bendamustine HCl HPLC Analysis

Sample Name : 3543-75-7

Method Info : Mobile Phase: A: water(0.01%TFA) B: ACN(0.01%TFA)

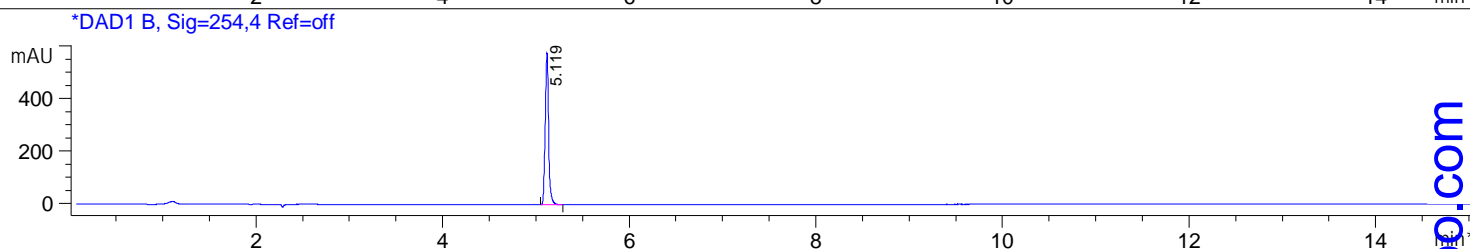
Gradient: 5% increase to 95%B within 7.5 min, 95%B for 7.5 min.

Flow Rate: 1.0ml/min

Column:Sunfire C18,4.6*150mm,3.5um

Column Temperature: 45 C

Detection:UV(214,4nm) and MS(ESI,Pos mode,110 to 1500 amu)

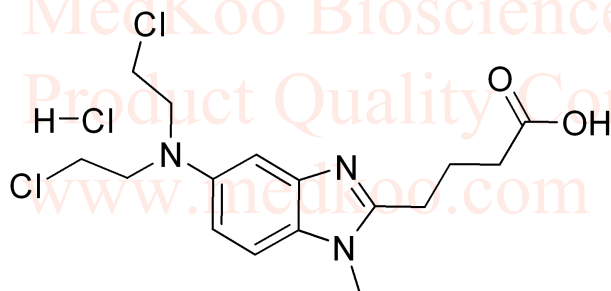


Integration Results for DAD1 A, Sig=214,4 Ref=off

RetTim	Width	Area	Height	Area%
5.12	0.04	1873.48	740.31	100.00

Integration Results for DAD1 B, Sig=254,4 Ref=off

RetTim	Width	Area	Height	Area%
5.12	0.04	1453.44	579.64	100.00



MedKoo Code#: 200470

Name: Bendamustine HCl

CAS#:3543-75-7

Lot#:A20T03K31

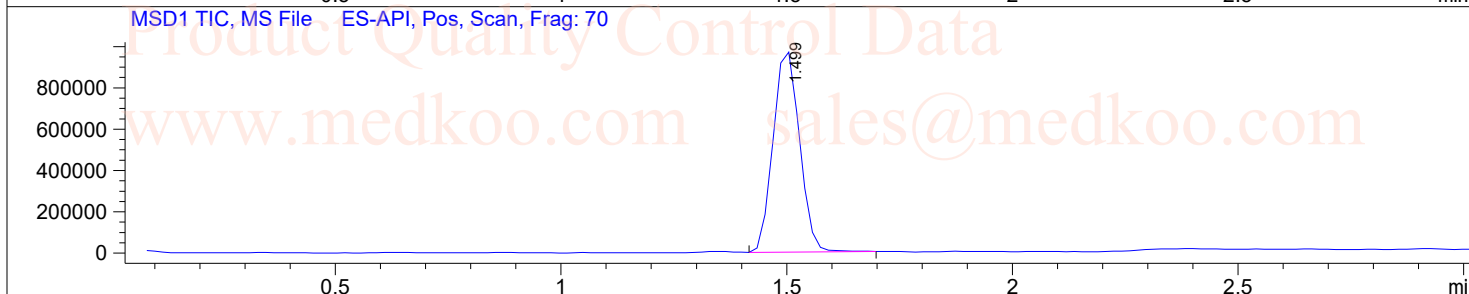
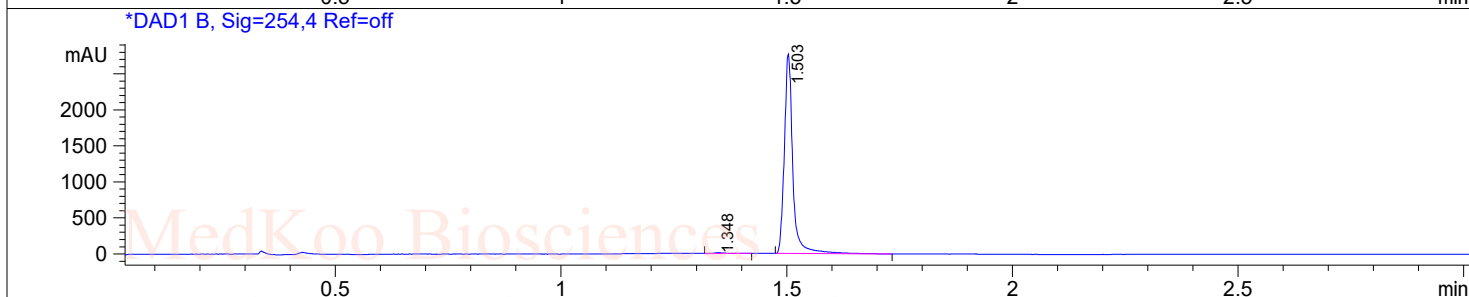
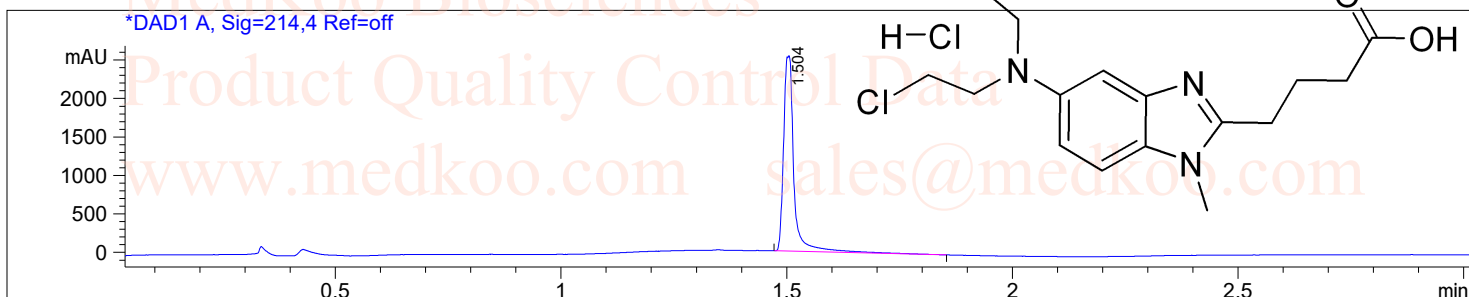
Chemical Formula: C₁₆H₂₂Cl₃N₃O₂

Molecular Weight: 394.72

Bendamustine HCl LC/MS Analysis

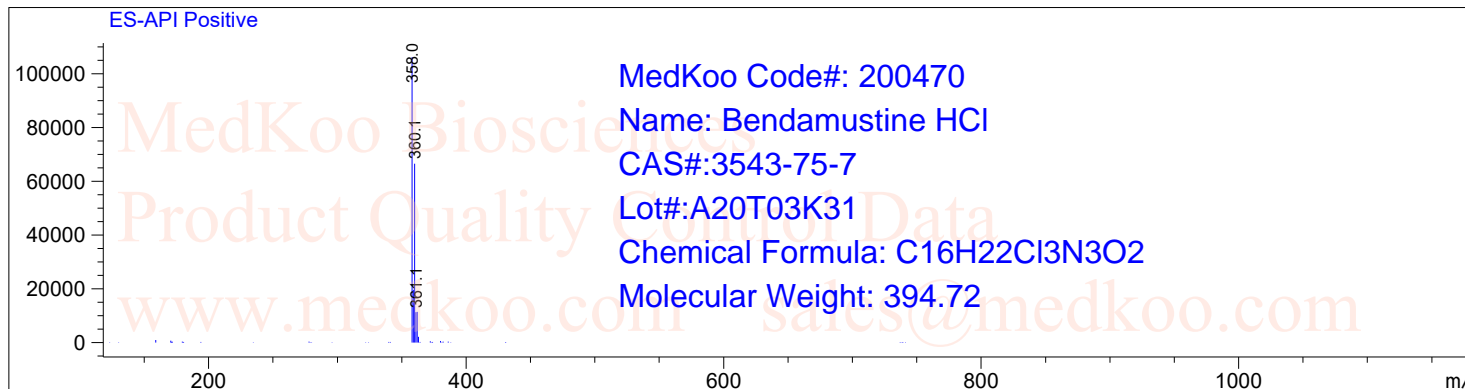
Sample Name : 3543-75-7

Method Info : Mobile Phase: A: water(0.01%TFA) B: ACN(0.01%TFA)
Gradient: 5%-95% B in 1.5 min
Flow Rate: 2ml/min
Column: Sunfire C18, 4.6*50mm, 3.5um
Oven Temperature: 50C
Mass Range: 110-1200 UV: 214nm;



Ret. Time: 1.50

<<<< POSITIVE SPECTRA >>>>



Bendamustine (free base)

Chemical Formula: C₁₆H₂₁Cl₂N₃O₂

Exact Mass: 357.10108

Molecular Weight: 358.26

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