

# Deruxtecan HNMR Analysis, Solvent: DMSO



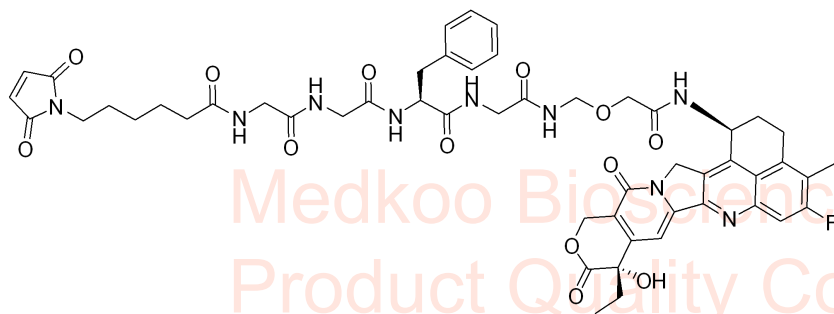
8.629  
8.509  
8.487  
8.299  
8.135  
8.115  
8.064  
8.003  
7.748  
7.720  
7.292  
7.242  
7.224  
7.216  
7.200  
7.165  
6.985  
6.517  
5.755  
5.409  
5.163  
5.143  
4.651  
4.634  
4.027  
3.726  
3.712  
3.698  
3.666  
3.652  
3.351  
3.178  
3.166  
2.509  
2.505  
2.501  
2.354  
2.193  
2.181  
2.108  
2.089  
2.070  
1.869  
1.852  
1.835  
1.481  
1.462  
1.450  
1.433  
1.192  
1.175  
0.884  
0.867  
0.848  
0.000

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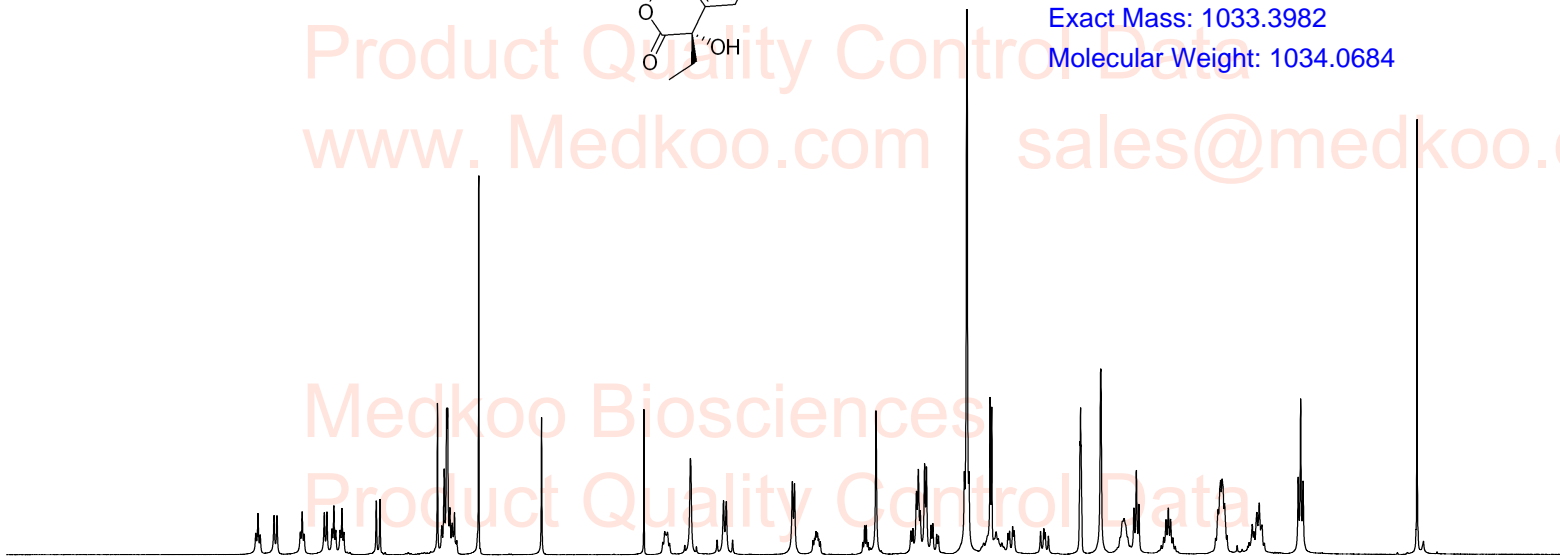
```
Current Data Parameters
NAME          04-18-2022
EXPNO         20
PROCNO        1
F2 - Acquisition Parameters
INSTRUM       spect
PROBHD        5 mm PABBO BB-
PULPROG       zg30
TD            65536
SOLVENT       DMSO
NS            16
DS            2
SWH           8223.685 Hz
FIDRES        0.125483 Hz
AQ           3.9846387 sec
RG            87.39
DW           60.800 usec
DE            6.50 usec
TE           296.8 K
D1           1.00000000 sec

===== CHANNEL f1 =====
NUC1          1H
P1            13.40 usec
PLW1         16.00000000 W
SFO1         400.1324710 MHz

F2 - Processing parameters
SI            65536
SF           400.1300012 MHz
WDW           EM
SSB           0
LB            0.30 Hz
GB            0
PC            1.00
```



MedKoo Cat#: 207106  
Name: Deruxtecan  
CAS#: 1599440-13-7  
Lot#: C22R04B22  
Chemical Formula: C52H56FN9O13  
Exact Mass: 1033.3982  
Molecular Weight: 1034.0684



10 9 8 7 6 5 4 3 2 1 0 ppm

1.03 1.05 1.03 3.09 1.03 1.09 5.00 1.91 1.03 0.65 1.02 2.01 2.02 2.00 1.06 0.63 2.06 6.03 9.98 4.01 1.06 1.06 3.00 2.05 2.10 2.08 4.06 3.05 3.16

# Deruxtecan HPLC Analysis

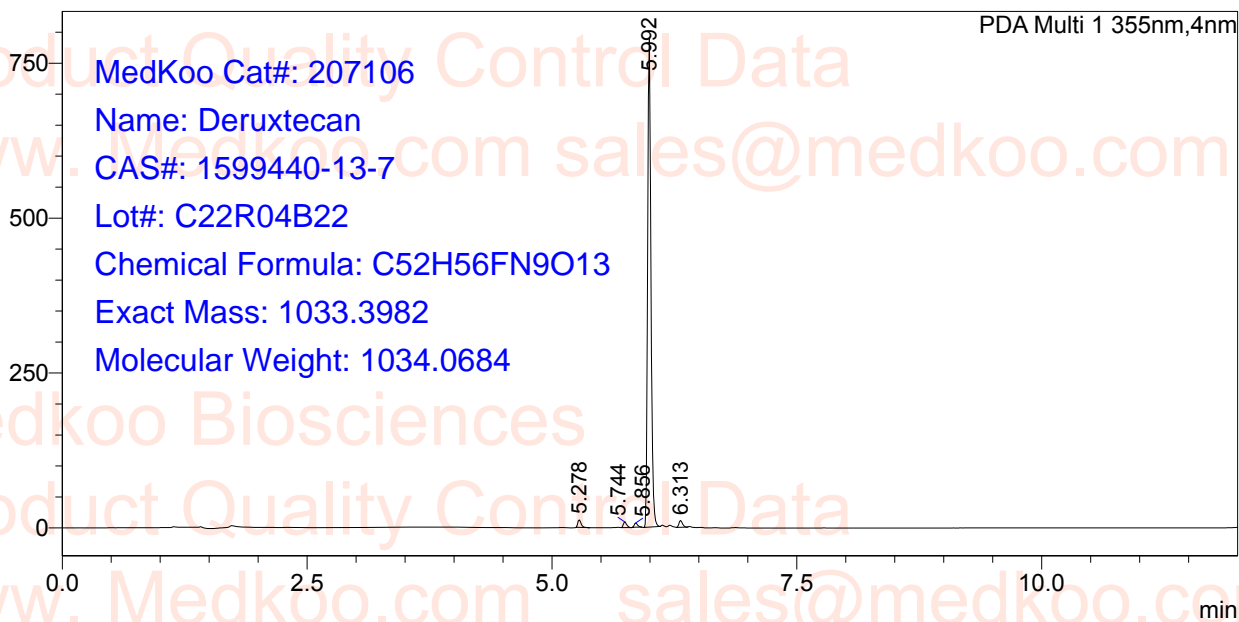
## <Sample Information>

Sample Name : 13-7  
Method Filename : LCMS-1090-MZ800.lcm  
Injection Volume : 1 uL

Acquired by : System Administrator  
Processed by : System Administrator

## <Chromatogram>

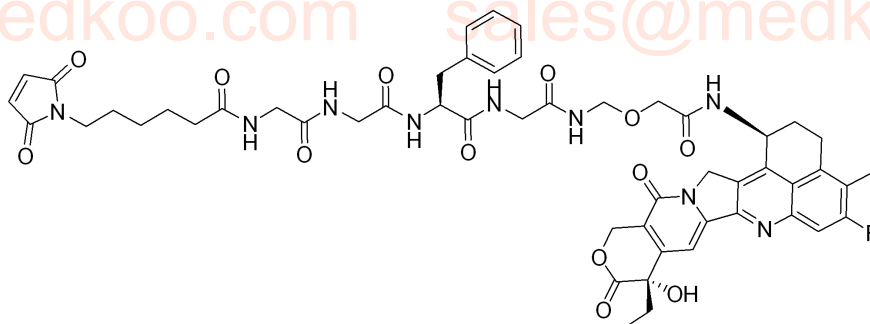
mAU



Peak Table

PDA Ch1 355nm

Peak#	Ret. Time	Area	Height	Theoretical Plate	Resolution	Tailing Factor	Area%
1	5.278	27868	12164	84182	--	1.430	1.422
2	5.744	21588	8918	97839	6.367	1.245	1.101
3	5.856	16104	6976	99168	1.520	1.262	0.822
4	5.992	1867611	788276	115212	1.880	1.216	95.279
5	6.313	26972	11052	114935	4.418	1.261	1.376

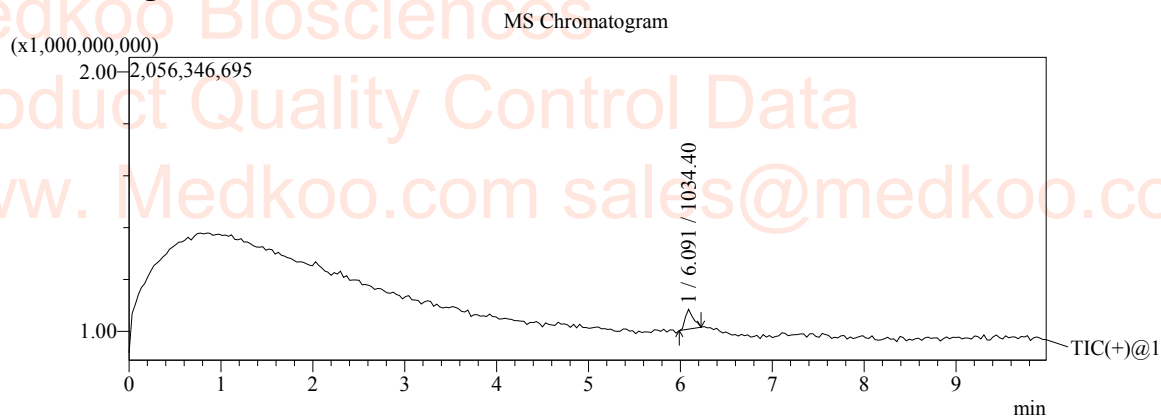


# Deruxtecan MS Analysis

## <Sample Information>

Sample Name : 13-7  
Sample ID :  
Method Filename : LCMS-1090.lcm  
Injection Volume : 1 uL

## <Chromatogram>



Interface type: ESI+  
Peak#: 1 R.Time: 6.091 (Scan#: 361)  
MassPeaks: 6  
Spectrum Mode: Averaged 6.056-6.124 (359-363)  
BG Mode: Calc Segment 1 - Event 1

