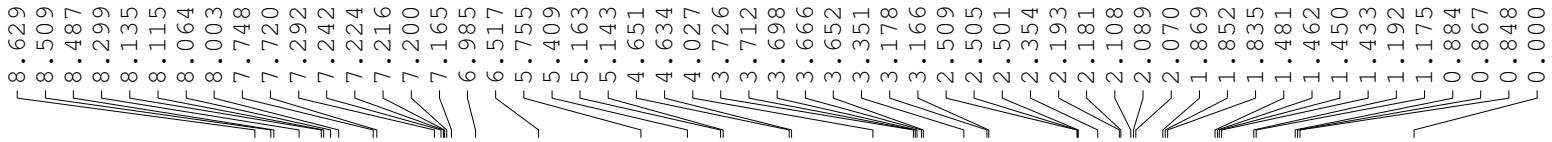
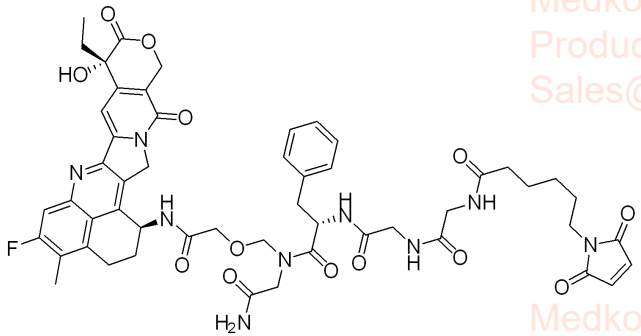
Deruxtecan HNMR Analysis, Solvent: DMSO





Medkoo Biosciences
Product Quality Control Data
Sales@medkoo.com

MedKoo Cat#: 207106

Name: Deruxtecan

CAS#: 1599440-13-7

Lot#: C22R04B22

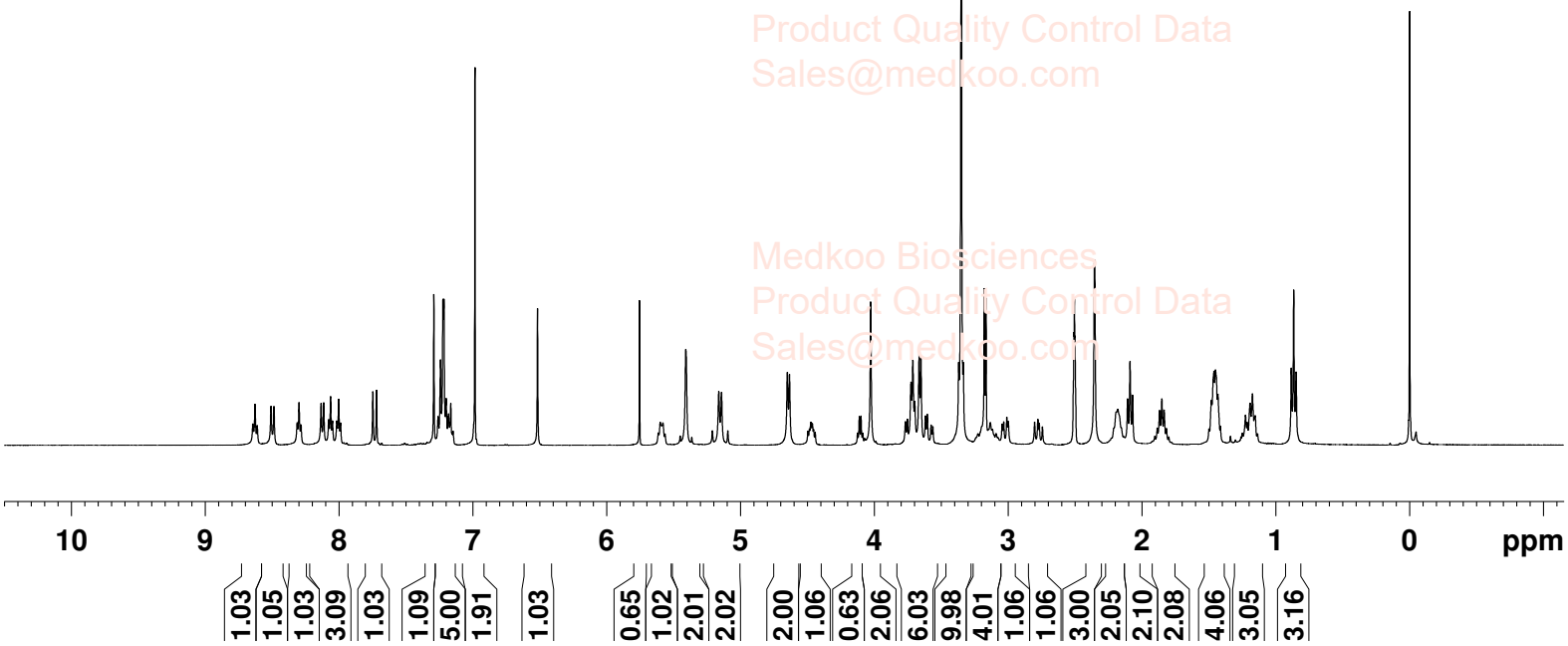
Chemical Formula: C52H56FN9O13

Exact Mass: 1033.3982

Molecular Weight: 1034.0684

Medkoo Biosciences
Product Quality Control Data
Sales@medkoo.com

Medkoo Biosciences
Product Quality Control Data
Sales@medkoo.com




```
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
```

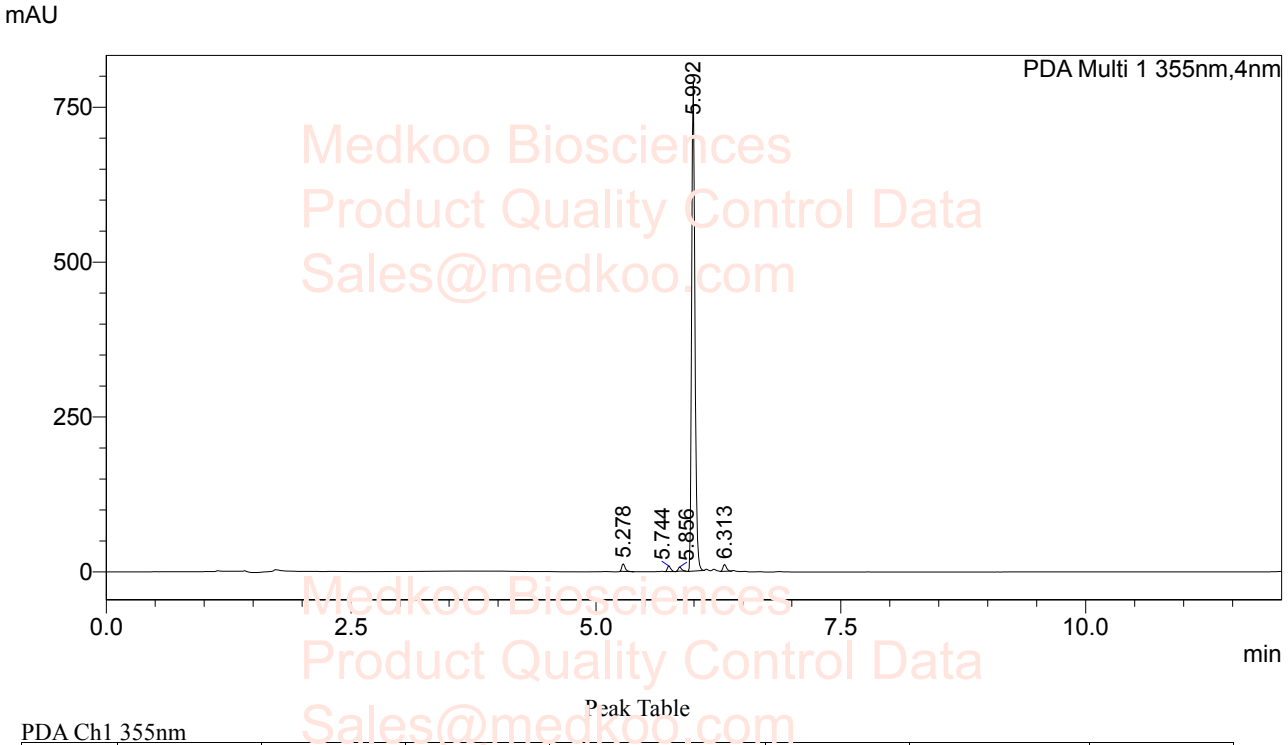
Deruxtecan HPLC Analysis

<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>

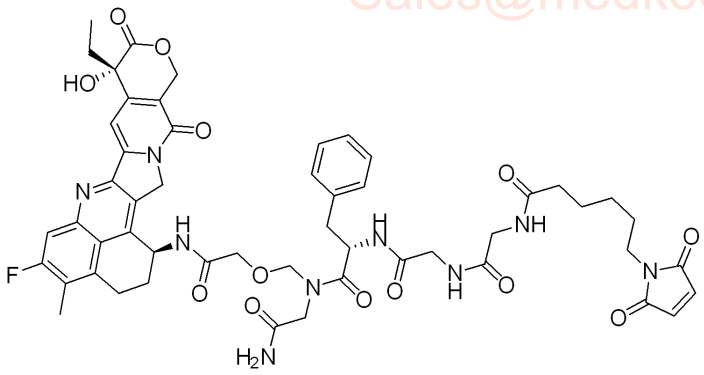


Medkoo Biosciences
Product Quality Control Data
Sales@medkoo.com

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



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

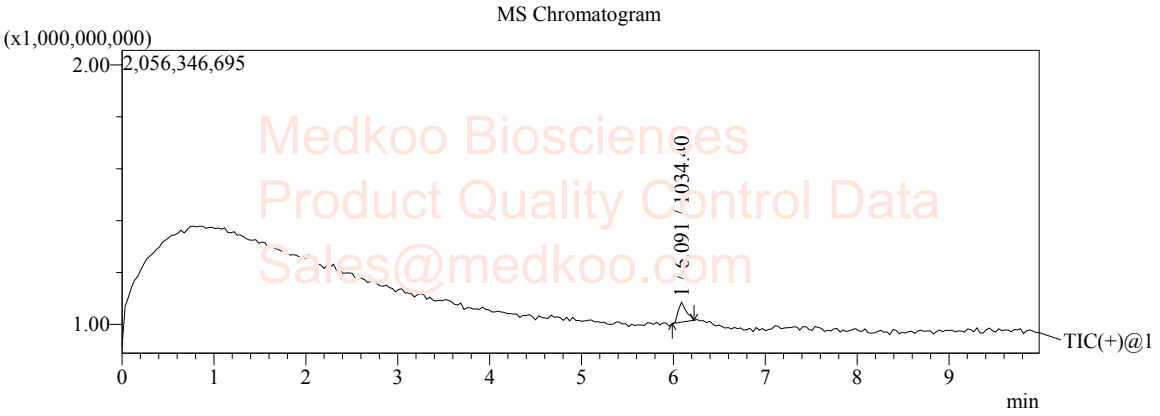
Sales@medkoo.com
www.medkoo.com
Medkoo Biosciences

Deruxtecan MS Analysis

<Sample Information>

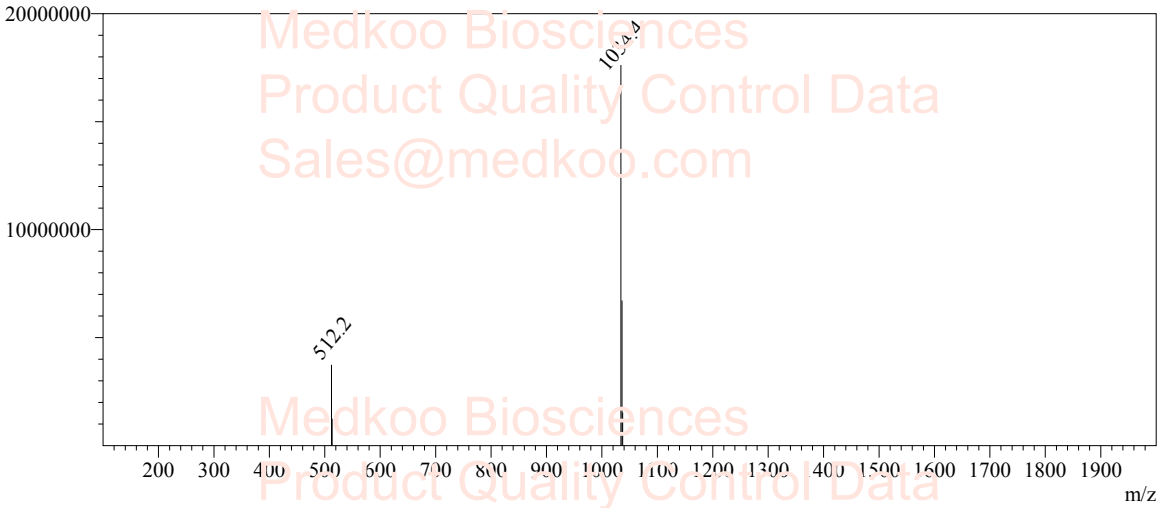
Sample Name : 13-7
Sample ID :
Method Filename : LCMS-1090.lcm
Injection Volume : 1 uL

<Chromatogram>

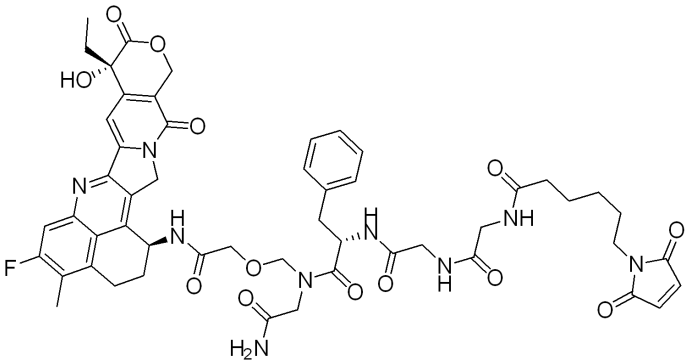


MS Spectrum

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



Medkoo Biosciences
Product Quality Control Data
Sales@medkoo.com



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

Sales@medkoo.com
www.medkoo.com
Medkoo Biosciences