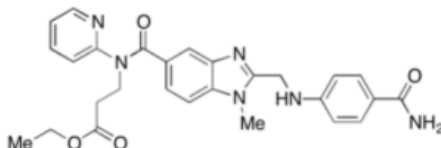


Certificate of Analysis



Product Name	Dabigatran Carboxamide Ethyl Ester	Batch No.	M22X04139
CAS No.	1422435-41-3	MFG. Date	Apr 13, 2022
CAT No.	R032469	Retest Date	Apr, 2026
Items	Specification	Results	
Identification	NMR and MS	Conforms	
Purity (HPLC)	≥ 98%	99.19%	
Conclusion	Corresponds.		
Storage Condition	Refrigerator.		

QC:

Alex Foster

QA:

Felix Hobart

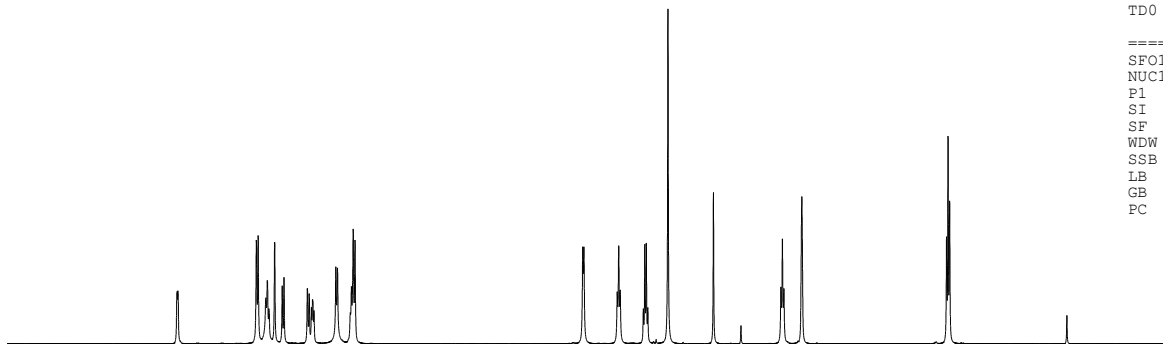
8.395
8.387
7.647
7.630
7.556
7.543
7.529
7.474
7.403
7.386
7.165
7.148
7.127
7.116
7.113
7.103
6.896
6.881
6.760
6.750
6.733
6.716
4.566
4.556
4.241
4.227
4.213
3.995
3.981
3.967
3.952
3.762
3.075
2.698
2.684
2.670

1.135
1.121
1.106



NAME R032469
EXPNO 53
PROCNO 1
Date_ 20220415
Time_ 10.48
INSTRUM spect
PROBHD 5 mm CPPBBO BB
PULPROG zg30
TD 65536
SOLVENT DMSO
NS 16
DS 2
SWH 10000.000 Hz
FIDRES 0.152588 Hz
AQ 3.2768500 sec
RG 62.06
DW 50.000 usec
DE 6.50 usec
TE 298.1 K
D1 1.00000000 sec
TD0 1

===== CHANNEL f1 =====
SF01 500.1330885 MHz
NUC1 1H
P1 11.50 usec
SI 65536
SF 500.1300034 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



1.00
2.08
1.82
1.06
1.03
0.99
1.01
1.93
3.10

1.96
1.99
2.01
2.93

0.13
2.01

3.29

9 8 7 6 5 4 3 2 1 0 ppm

Mass Spectrum SmartFormula Report

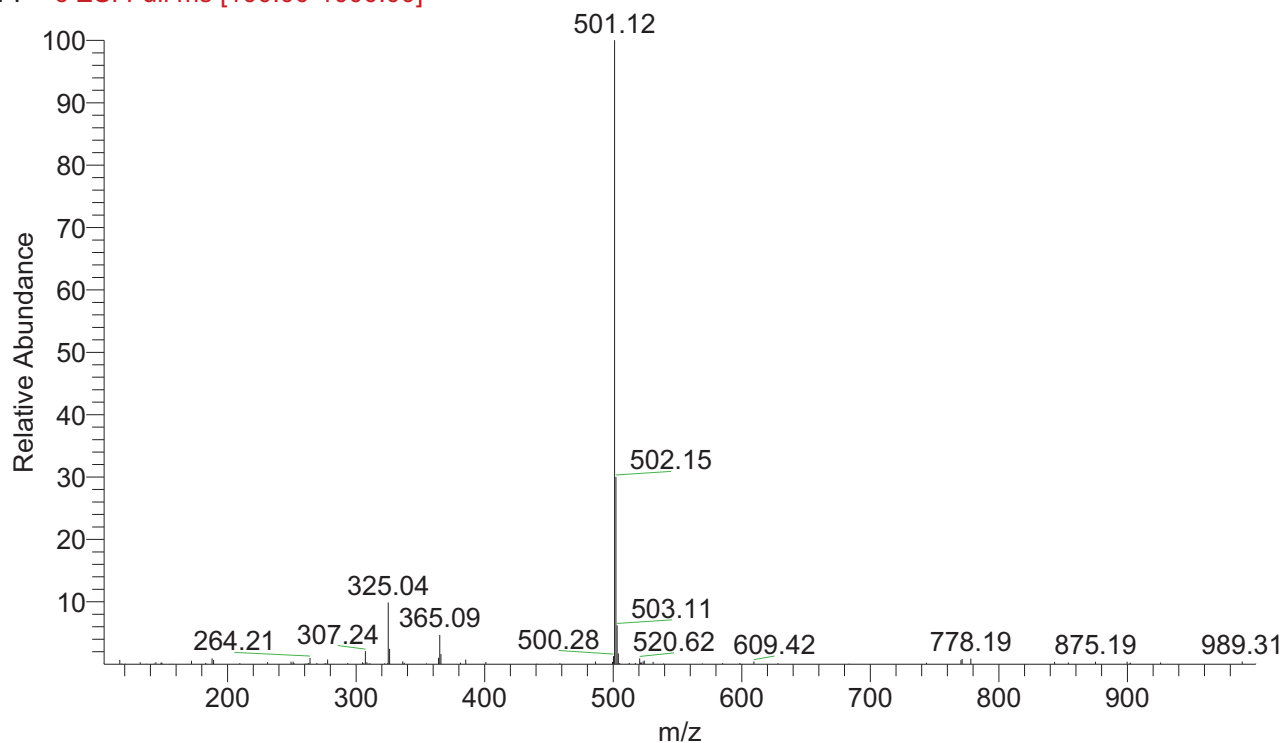
Data File: R032469
Current Data Path: E:\2022
Operator: GX280
Run Time(min): 10.00
Injection Volume(μl): 5.00

Original Data Path: E:\2022\
Sample ID: 1
Acquisition Date: 03/03/06 07:53:25 AM
Vial: 6

Detector Type: MS
Range (min): 0.00-10.00
Peak Detection Algorithm: ICIS

Operator: None
Mass Range 1 (m/z):

DBZ-E-36277-MS #203 RT: 3.05 AV: 1 TH: 0.00 NL: 3.54E9
F: + c ESI Full ms [100.00-1000.00]



HPLC Analysis Report

<Sample>

Data: R032469

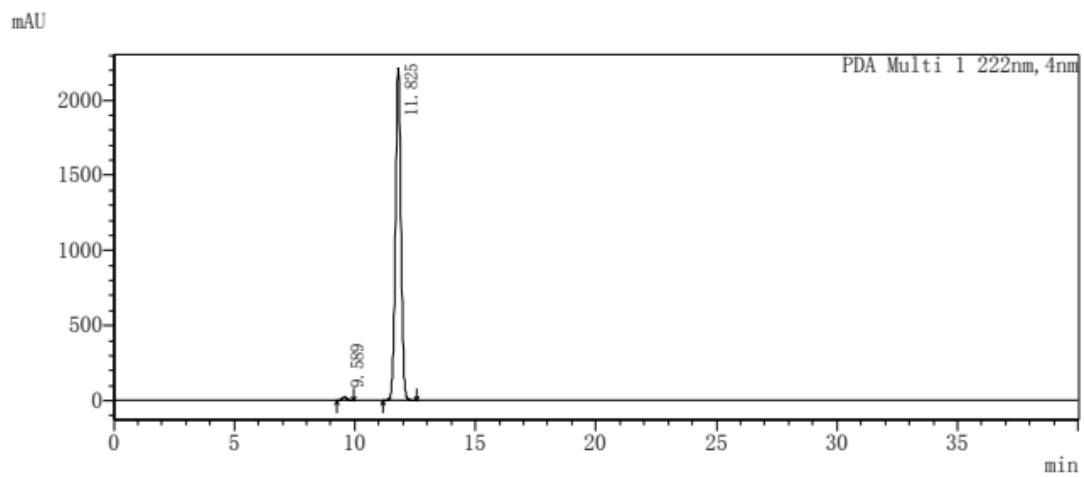
Method: Method 1

Vial: 1-7

Injection Volume: 10 uL

Date: 2022/04/15 11:41:25

< Chromatogram>



<Table>

PDA Ch1 222nm

Peak#	Retention time	Area	Height	Area%
1	9.589	281983	20357	0.802
2	11.825	34882234	2210484	99.198
Total		35164216	2230841	100.000