

Analytical Report

Sample ID	700 - Analysis Service - Q9	sample submitted by quasar-chemicals.de
Expected	Bretazenil freebase	
Sample adulterated?	No	
Sample Appearance		
Sample type	Research Chemical -	
Date of sample receipt	11-02-2023	
Date of analysis	11-11-2023	
Date of Report	11-11-2023	

Qualitative and Quantitative Results

Substances identified	Purity / Quantity	Harm Reduction information	Chemical Class	Pubchem ID	analytical techniques used	
					Identification	Quantification
Bretazenil	>98 % *	https://psychonautwiki.org/wiki/Bretazenil	Benzodiazepine	107926	LCMS	NMR

* uncertainty of measurement +/- 5 %

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We do not claim nor make any guarantees or recommendations regarding the safety of the analysed samples for human consumption.***

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Detailed information regarding our workflow including a full description of the analytical methods applied

is freely available under <https://www.kykeonanalytics.com/services/users/>

Attachments: LCMS Detailed report
 1H NMR Spectrum
 FTIR Spectrum

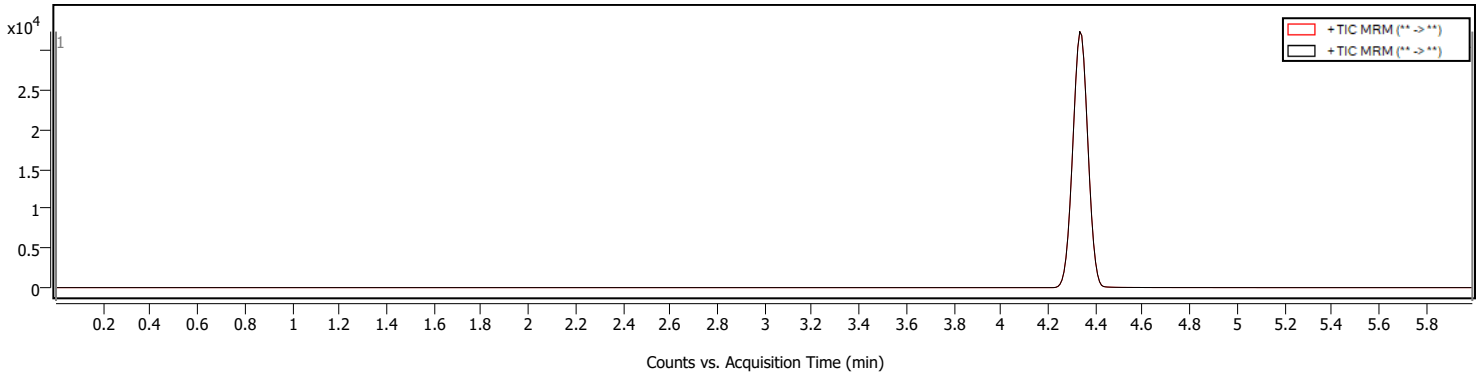
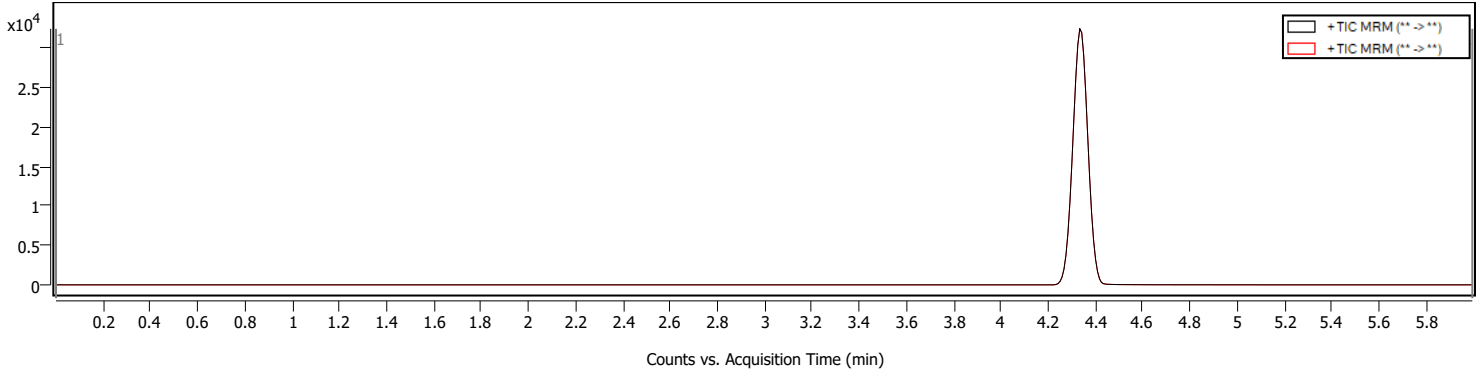
Qualitative Analysis Report



Sample Information

Name	700_Bretazenil	Data File Path	D:\Kykeon\Data\2023\11-07\700_Bretazenil-MRM.d
Sample ID		Acq. Time (Local)	11/7/2023 3:10:51 PM (UTC+01:00)
Instrument	Instrument 1	Method Path (Acq)	D:\Kykeon\methods\dMRM-6minNormalC18_Bretazenil_2.m
MS Type	QQQ	Version (Acq SW)	Ultivo LC/TQ C.01.00 (B1677.1 SR1)
Inj. Vol. (ul)	10	IRM Status	
Position	P1-A10	Method Path (DA)	D:\Kykeon\methods\ReportWorkflowMethod-MRM.m
Operator		Result Summary	1 qualified (1 targets)

Sample Chromatograms



Compound Summary

Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	Bretazenil			4.334	92375	418.0	MRM

Qualitative Analysis Report

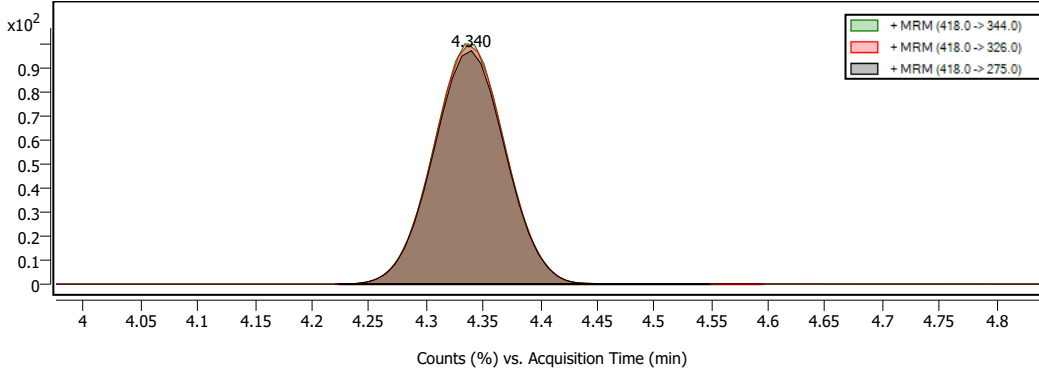


Compound Details

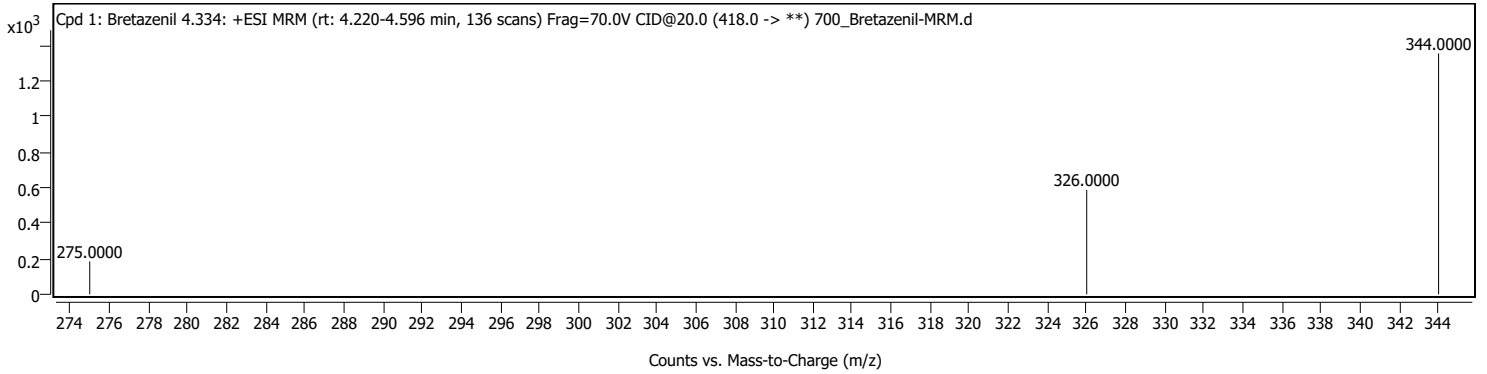
Cpd. 1: Bretazenil

Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Bretazenil			4.334	92375	418.0	344.0	20.00		MRM

Compound Chromatograms (overlaid)



MS/MS Spectra



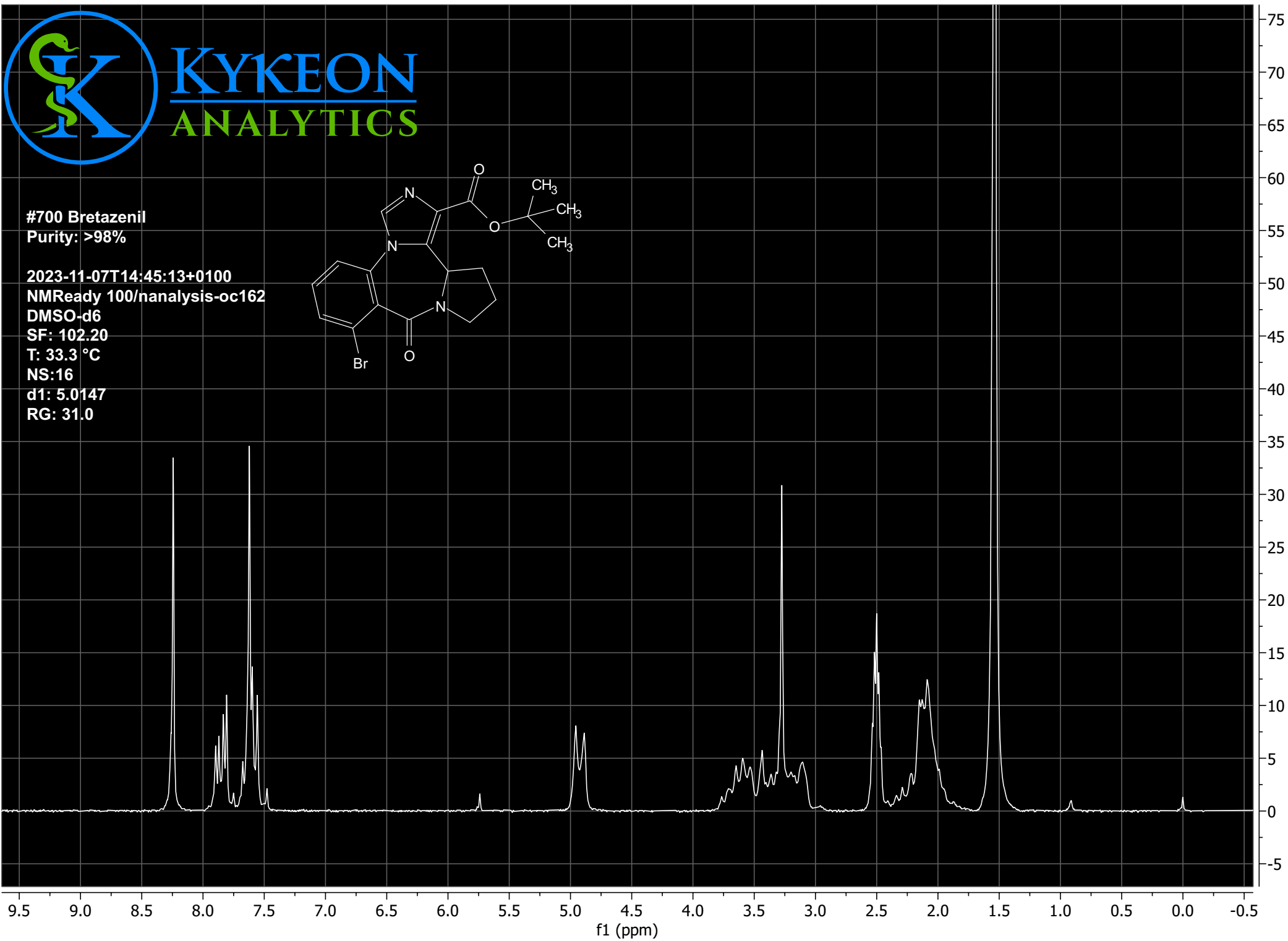
MassHunter Qual 10.0
(End of Report)

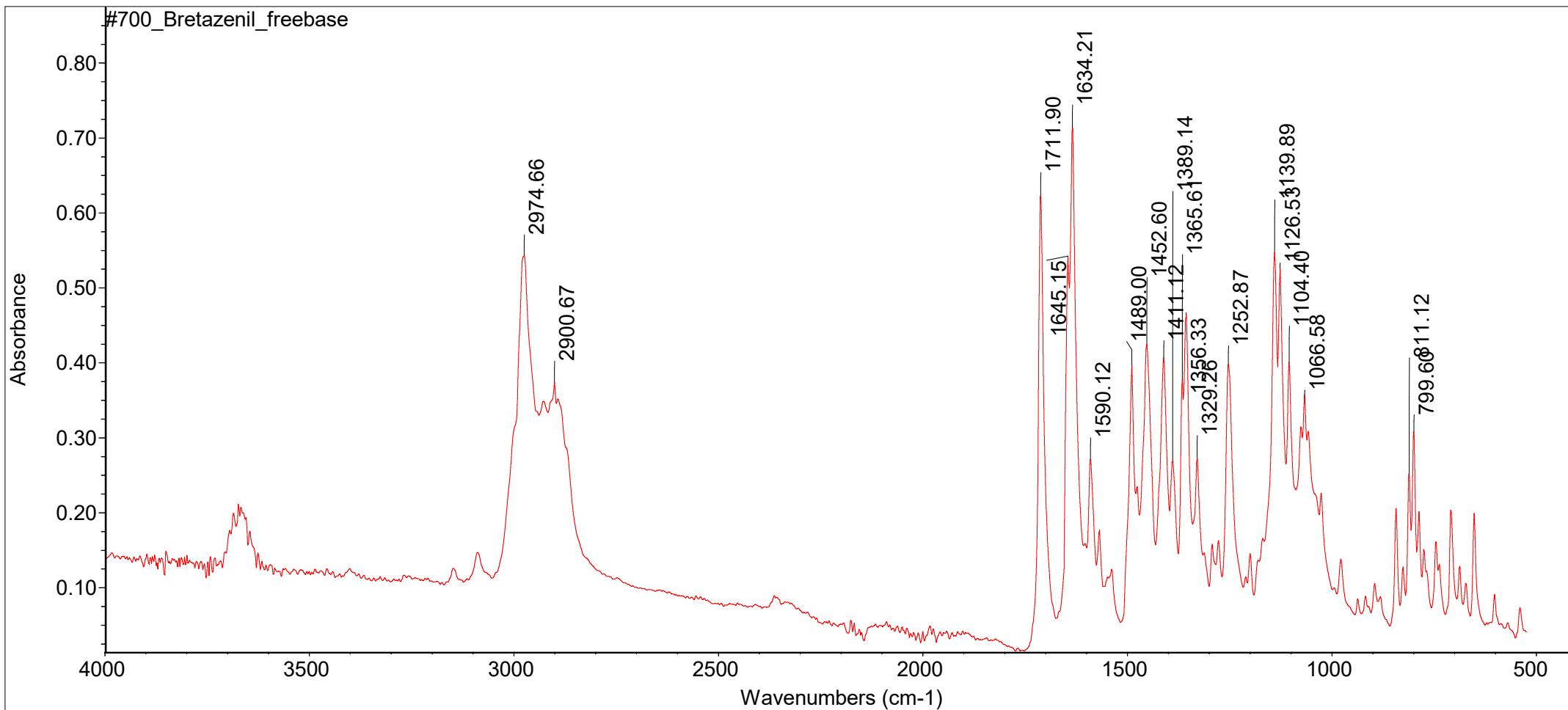


KYKEON
ANALYTICS

#700 Bretazenil
Purity: >98%

2023-11-07T14:45:13+0100
NMReady 100/nanalysis-oc162
DMSO-d6
SF: 102.20
T: 33.3 °C
NS:16
d1: 5.0147
RG: 31.0





Fri Nov 10 23:58:41 2023 (GMT+01:00)

FIND PEAKS:

Spectrum: #700_Bretazenil_freebase

Region: 4000.00 400.00

Absolute threshold: 0.237

Sensitivity: 50

Peak list:

Position:	799.60	Intensity:	0.314
Position:	811.12	Intensity:	0.257
Position:	1066.58	Intensity:	0.358
Position:	1104.40	Intensity:	0.404
Position:	1126.53	Intensity:	0.526
Position:	1139.89	Intensity:	0.549
Position:	1252.87	Intensity:	0.400

Position:	1329.26	Intensity:	0.275
Position:	1356.33	Intensity:	0.467
Position:	1365.61	Intensity:	0.380
Position:	1389.14	Intensity:	0.271
Position:	1411.12	Intensity:	0.408
Position:	1452.60	Intensity:	0.426
Position:	1489.00	Intensity:	0.400
Position:	1590.12	Intensity:	0.274
Position:	1634.21	Intensity:	0.721
Position:	1645.15	Intensity:	0.543
Position:	1711.90	Intensity:	0.631
Position:	2900.67	Intensity:	0.374
Position:	2974.66	Intensity:	0.544