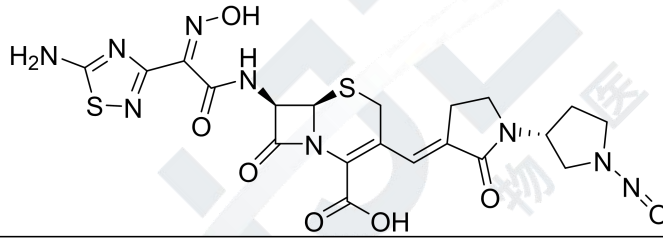


检测报告
CERTIFICATE OF ANALYSIS

产品名称 Name	头孢吡罗酯亚硝胺杂质 4 (6R,7R)-7-((Z)-2-(5-amino-1,2,4-thiadiazol-3-yl)-2-(hydroxyimino)acetamido)-3-((E)-((R)-1'-nitroso-2-oxo-[1,3'-bipyrrolidin]-3-ylidene)methyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid		
分子量 Molecular Weight	563.56	CAS 号 CAS Number	NA
存储条件 Storage	-20℃、遮光密封 -20℃、Protected from light and Sealed	分子式 Molecular Formula	C ₂₀ H ₂₁ N ₉ O ₇ S ₂
产品批号 Lot Number	P241009001	货号 Catalogue Number	ALJ-241009L001
有效期至 Expiry Date	2027 年 10 月 09 日 Oct 09, 2027		

结构式(Chemical Structure):



检测项目 Test Items	质量标准 Method	检测结果 Results
外观 Appearance	目测 Visual Inspection	黄色固体 Yellow Solid
纯度 Purity	HPLC	95.49%
鉴别 Identification	LCMS	符合 Confirmed
	¹ H NMR	符合 Confirmed

结论: 检测结果符合要求

Conclusion: The test results meet the requirements

编制人:

Prepared BY:

Zhao

审核人:

Reviewed by:

Zhen

批准人:

Approved by:



日期: 2024.10.09

Date:

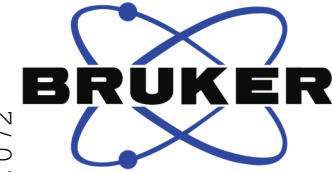
日期: 2024.10.09

Date:

日期: 2024.10.09

Date:

ProjectName = Analysis Internal
Operate Date = 20240925

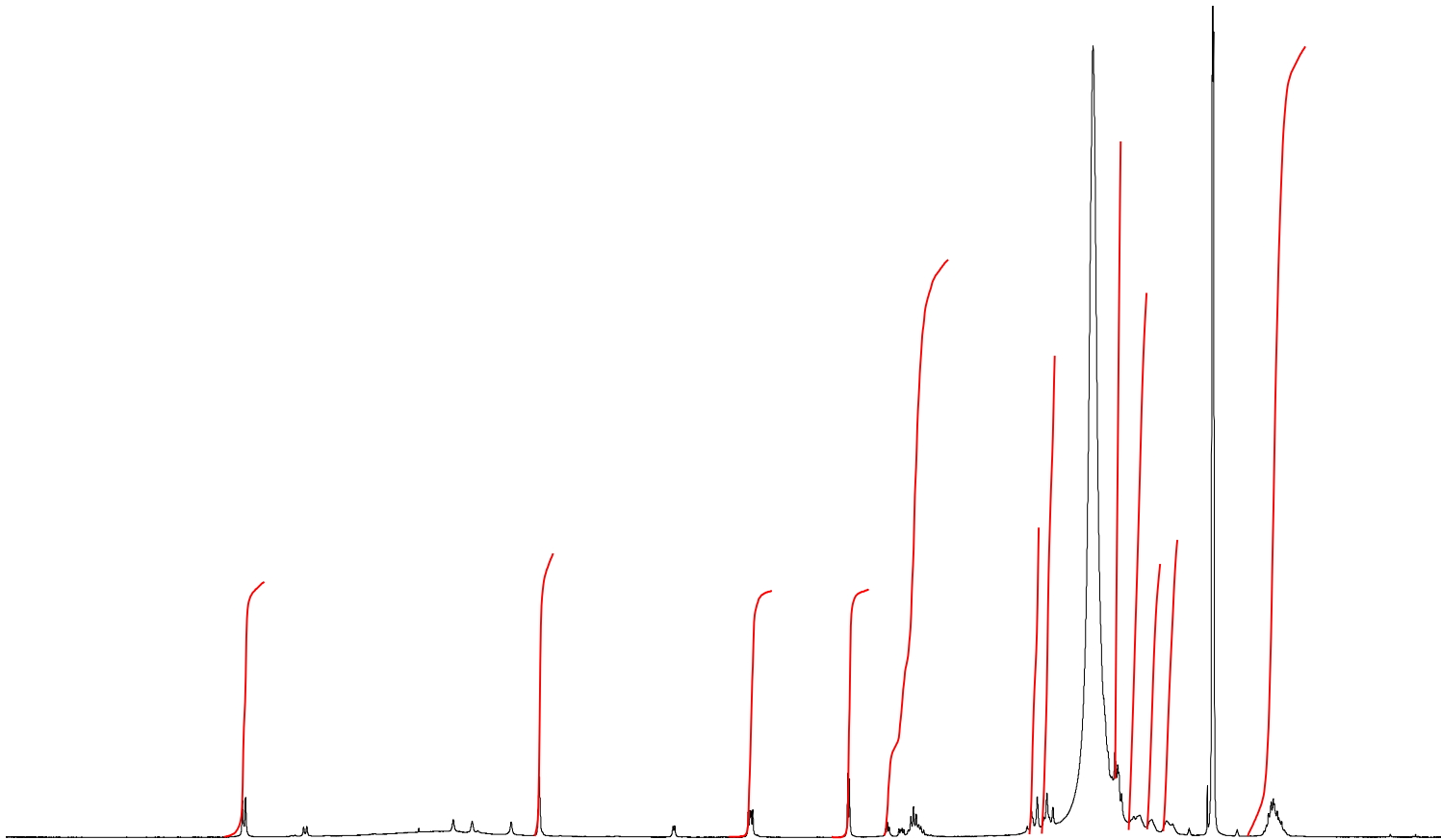


9.486
9.465
7.369
5.879
5.866
5.858
5.845
5.168
5.156
4.898
4.885
4.873
4.781
4.718
4.699
4.680
4.662
4.646
3.858
3.816
3.768
3.747
3.729
3.704
3.283
3.262
3.243
3.234
3.214
3.130
3.103
3.083
3.000
2.894
2.863
2.850
2.180
2.166
2.147
2.132
2.125
2.104
2.092
2.072

Current Data Parameters
NAME 20240925-ANA-2409-023-P 1H-NMR
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20240925
Time 16.58 h
INSTRUM Avance
PROBHD Z163739_0683 (
PULPROG zg30
TD 32786
SOLVENT DMSO
NS 64
DS 2
SWH 8196.721 Hz
FIDRES 0.500013 Hz
AQ 1.9999460 sec
RG 101
DW 61.000 usec
DE 13.89 usec
TE 300.5 K
D1 1.00000000 sec
TD0 1
SFO1 400.1324008 MHz
NUC1 1H
PO 2.67 usec
P1 8.00 usec
PLW1 23.00000000 W

F2 - Processing parameters
SI 65536
SF 400.1299783 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

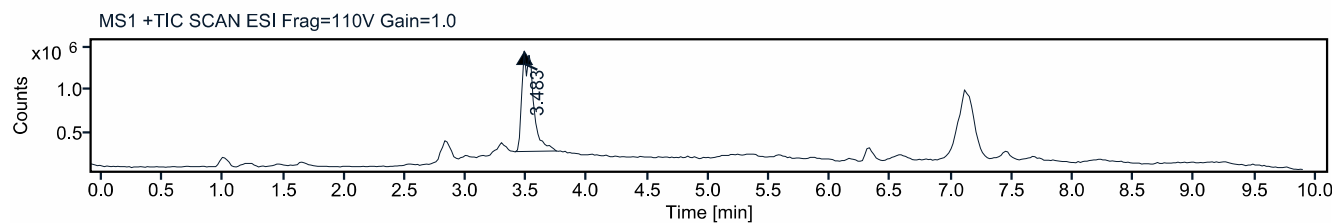
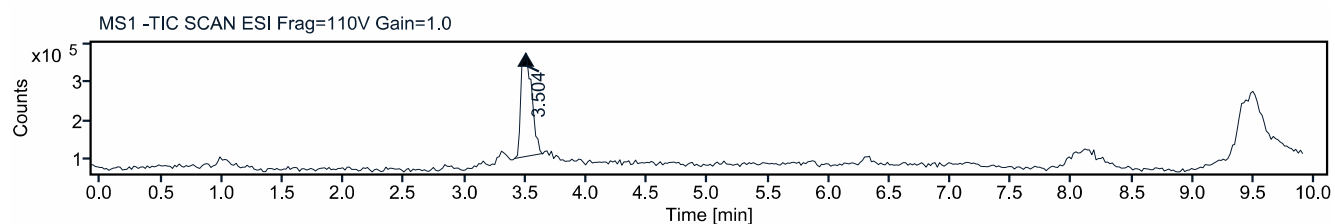
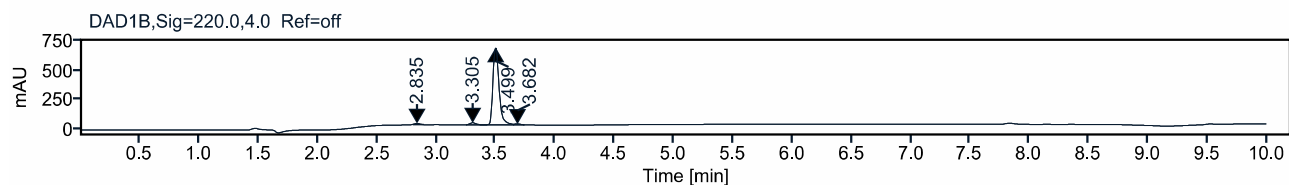
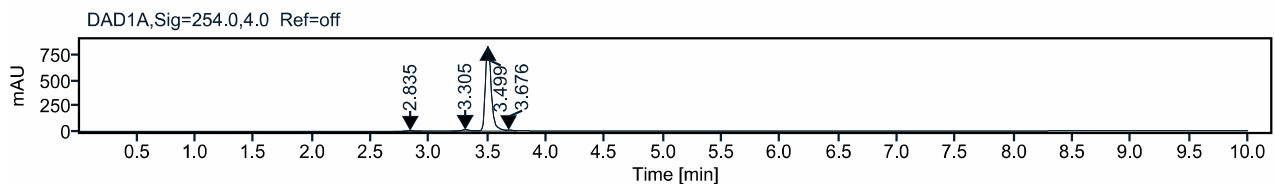


11 10 9 8 7 6 5 4 3 2 ppm

1.00
1.11
0.96
0.97
2.26
1.28
1.92
2.76
2.14
1.08
1.18
3.09

LCMS Report

Data file: ANA-2409-023-P-FA.dx
Project Name: Prep
Sample name: ANA-2409-023-P-FA **Operator:** analysis-sz (TANDEMAI\analysis-sz)
Instrument: SZTM-LCMS_DEMO_A4115 **Injection date:** 2024-09-25 17:53:34+08:00
Location: P2-D3 **Acq. method:** Prep_LCMS5-12min-EC C18.amx
Inj. volume: 5.000 µL **Processing method:** *LCMS_Prep_1.pmx
Sequence Name: SingleSample **Templated:** AT001



Signal: DAD1A, Sig=254.0, 4.0 Ref=off

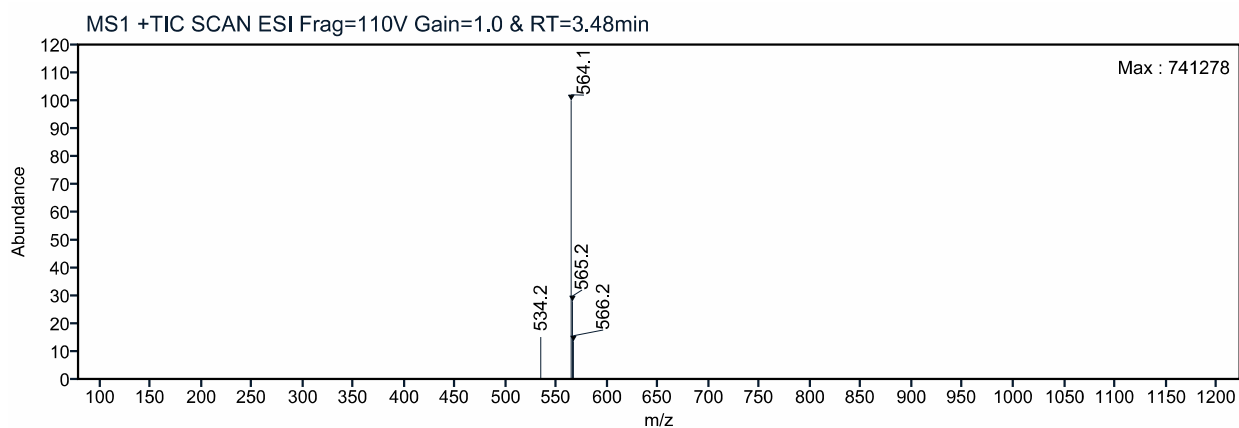
RT [min]	Type	Width [min]	Area	Height	Area%	Name
2.835	BB	0.23	31.38	7.74	0.99	
3.305	BV	0.20	68.61	14.86	2.17	

LCMS Report

RT [min]	Type	Width [min]	Area	Height	Area%	Name
3.499	VV	0.27	3018.46	847.88	95.49	
3.676	VV	0.09	42.61	10.78	1.35	
		Sum	3161.06			

Signal: DAD1B,Sig=220.0,4.0 Ref=off

RT [min]	Type	Width [min]	Area	Height	Area%	Name
2.835	MM m	0.09	24.98	8.57	1.05	
3.305	MB m	0.15	60.69	18.12	2.55	
3.499	BM m	0.26	2270.90	646.83	95.37	
3.682	MM m	0.09	24.66	7.32	1.04	
		Sum	2381.24			



LCMS Report

