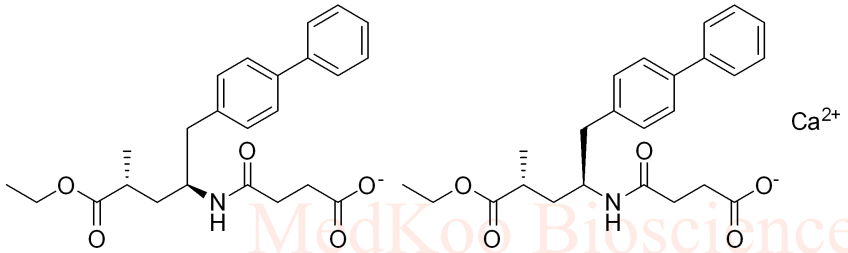
Sacubitril Calcium Salt HNMR Analysis, solvent: DMSO



MedKoo Cat#: 314262
Name: Sacubitril calcium salt
CAS#: 11369773-39-6
Lot#: A8T02K10
Chemical Formula: C48H56CaN2O10
Molecular Weight: 861.06

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Product Quality Control Data
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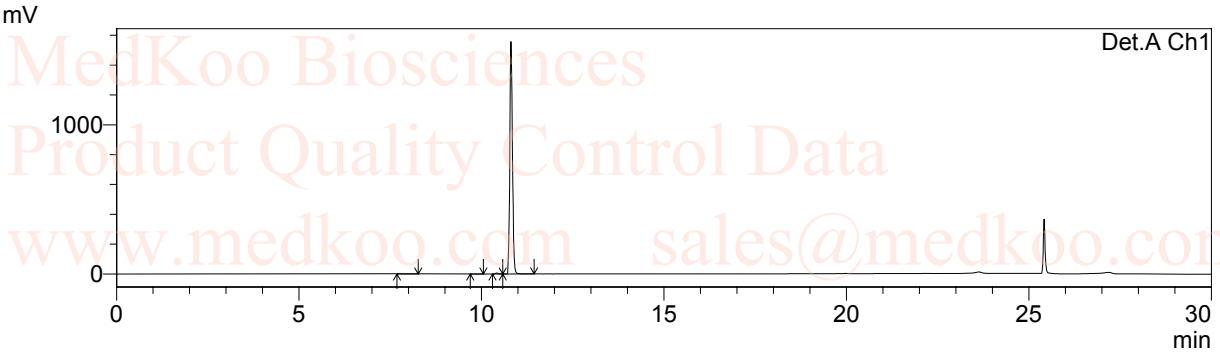
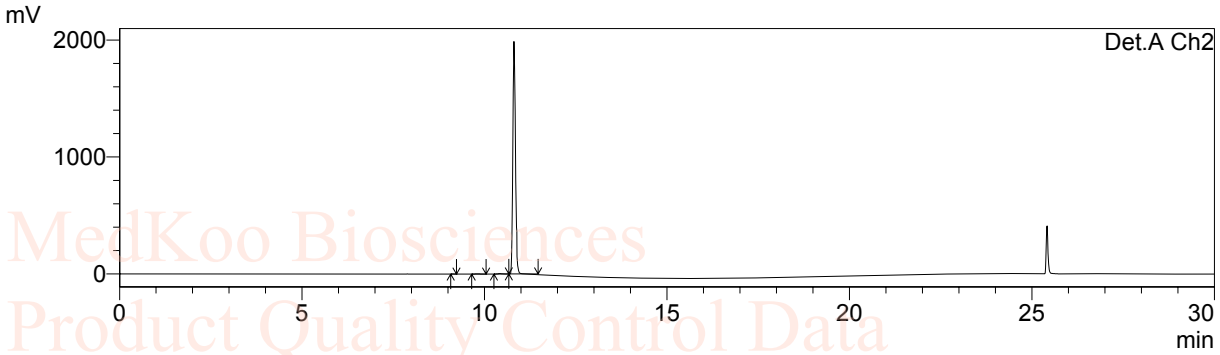
Sacubitril Calcium Salt HPLC Analysis

Column	: Diamonsil C18(2)，5um 4.6*250mm	
Mobile phase	: Solvent A: H2O(0.05%H3PO4) Solvent B:ACN(0.05%H3PO4)	
Temperature	: 35 ℃	
Flow rate	: 0.8mL/min	
Run time	: 6min gradient(5%B), 9min gradient (5%-95%B), 5min gradient (95%B),then 5min @(5%B)	
Detector	: UV	
Wavelenth	: 220/280 nm	
Sample name :	: 1369773-39-6	Data File Name : 1369773-39-6.lcd Method File Name : 1369773-39-6.lcm





1Det.A Ch1/220nm
2Det.A Ch2/254nm

PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	7.878	700	0.009	54041.700
2	9.792	5050	0.064	62964.880
3	10.409	34907	0.444	76593.122
4	10.805	7829924	99.483	87211.688
Total		7870581	100.000	

PeakTable

Detector A Ch2 254nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	9.136	554	0.006	86904.313
2	9.794	2776	0.028	54097.807
3	10.411	23040	0.229	64395.531
4	10.805	10050042	99.738	86371.242
Total		10076412	100.000	

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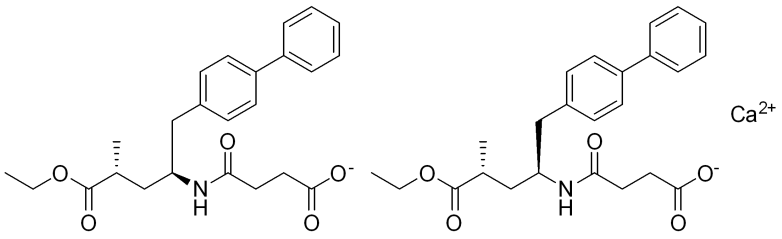

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Sacubitril Calcium Salt LCMS Analysis

LC-MS condition

Column	: Chromolith SpeedROD ,RP-18e,50*4.6mm LCMS-002
Mobile Phase	: A: H2O(0.05%FA) B: CH3CN
Temperature	: 35℃
Flow rate	: 2.5mL/min
Run time	: 0.1min@20%B,1.7min gradient(20-95% B), then0.7min@95% B,then0.4min@20% B
Injection volume	: 5 uL
Detector	: UV 220/254nm
Mass range	: 100-1000
Scan	: Postive/Negative
User Name	:1369773-39-6
Data Filename	: 1369773-39-6.lcd

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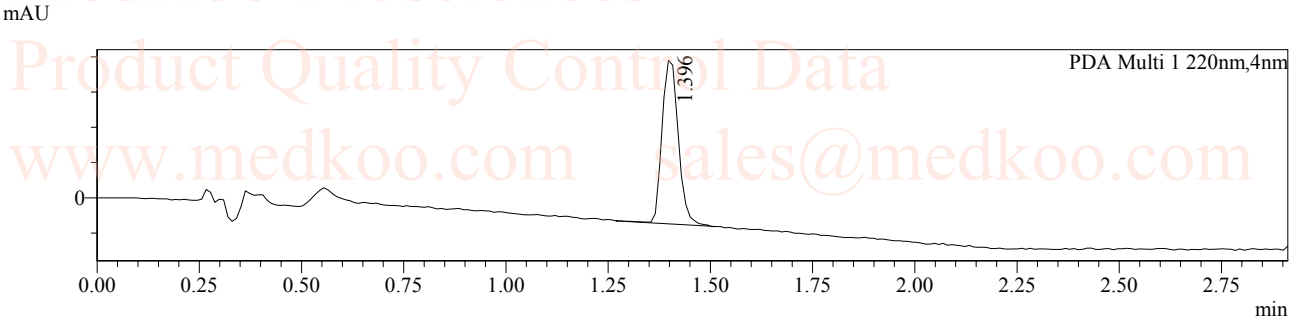

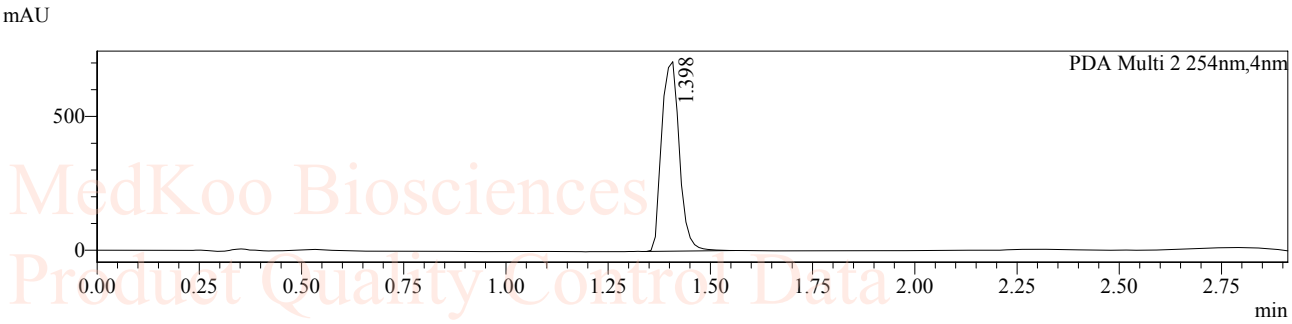

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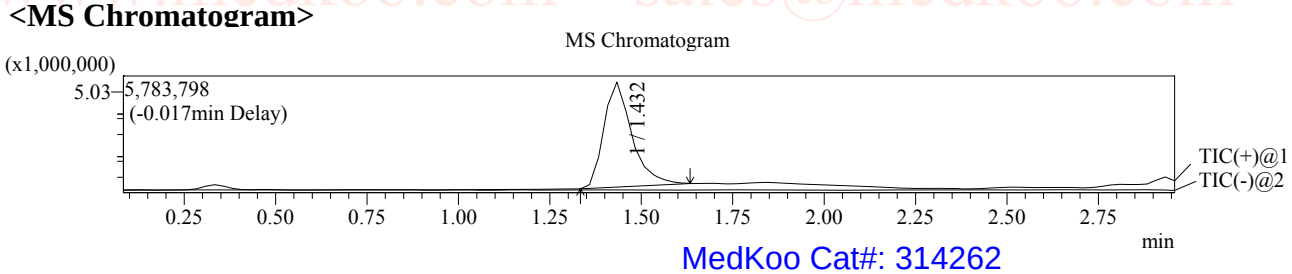
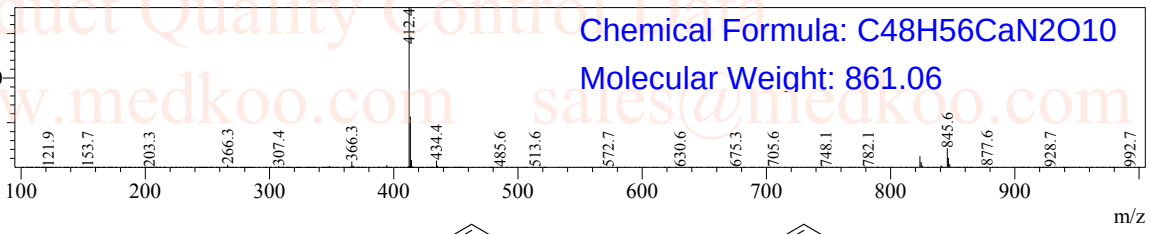
<MS Chromatogram>



MS Spectrum

Peak#:1 R.Time:1.432(Scan#:107)
MassPeaks:463
Spectrum Mode:Averaged 1.383-1.433(105-109)
BG Mode:Calc Segment 1 - Event 1



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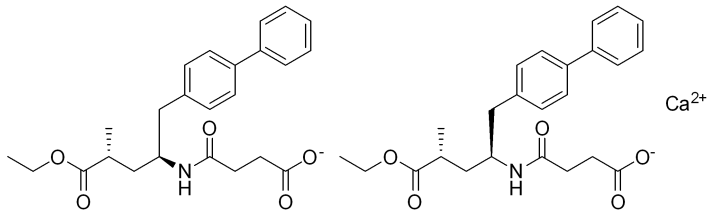

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