



## HPLC REPORT

<b>Product Name</b>	FONB1 Peptide Synthesis			
<b>Catalog Number</b>	CSB-DT1054			
<b>Sequence</b>	<i>RQIKIWFQNRRMKWKKVQSPVPSQVNV</i>			
<b>Lot No</b>	M0906P11			
<b>Column</b>	Gemini-NX 5 $\mu$ C18 110A, 4.6*250mm			
<b>Solvent A</b>	0.1% Trifluoroacetic in 100% Acetonitrile			
<b>Solvent B</b>	0.1% Trifluoroacetic in 100% Water			
<b>Purification</b>	Affinity purified using IMAC			
<b>Gradient</b>		A	B	
	0.01 min	25%	75%	
	25 min	50%	50%	
	25.1 min	100%	0%	
	30 min	STOP		
<b>Flow rate</b>	1.0 mL/min			
<b>Wavelength</b>	220nm			
<b>Volume</b>	20ul			
<b>Peak No.</b>	<b>Ret Time</b>	<b>Height</b>	<b>Area</b>	<b>Conc.</b>
1	8.003	19242	111626	1.2525
2	8.176	1206279	8519056	95.5849
3	8.527	31023	281867	3.1626
<b>Total</b>		1256544	8912549	100
<b>Purity</b>	95.58%			
<b>Suggested Solvent (or solvent used in purification)</b>	1.0 mg peptide dissolve with 1ml DMSO			
<b>Form</b>	Lyophilized powder			
<b>Manufacture Date</b>	2023-9-6			



<b>Recommended Storage</b>	Short term	4 °C, one week from the date of receipt
	Long term	-20 to -80 °C, 6 months from the date of receipt
<b>Notes</b>	<p>The shelf life is related to many factors, storage state, storage temperature and the stability of the peptide itself. The above shelf lives are concluded by our current storage experience. The specific shelf life will depend on specific peptide.</p> <p>Please use as soon as possible after receiving. Repeated freezing and thawing is not recommended.</p>	

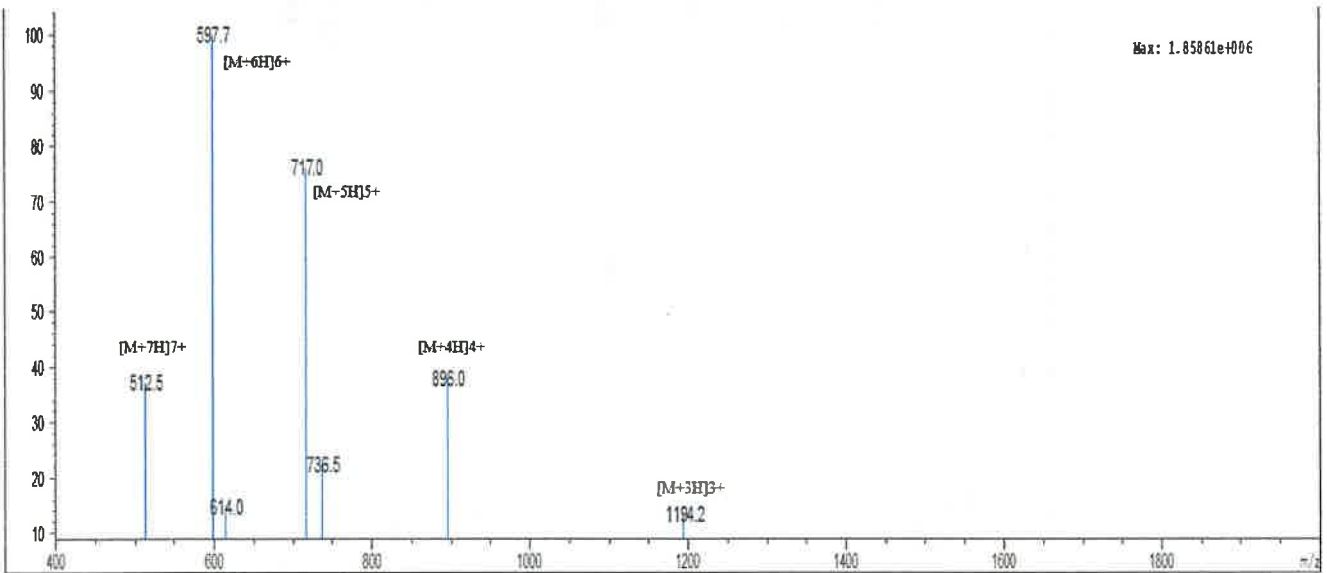
### MASS SPECTROMETRY REPORT

#### MASS Sample Description

<b>Analyzed date</b>	2023-9-6
<b>Analyst</b>	Shen
<b>Sample</b>	CSB-DT1054
<b>M.W.</b>	3580.25Da
<b>Lot. No.</b>	M0906P11
<b>Instrument</b>	Agilent-6125B
<b>Probe</b>	ESI
<b>Nebulizer Gas Flow</b>	1.5L/min
<b>CDL</b>	-20.0v
<b>CDL Temp.</b>	250°C
<b>Block Temp.</b>	200°C
<b>Probe Bias</b>	+ 4.5kv
<b>Detector</b>	1.5kv
<b>T. Flow</b>	0.2ml/min
<b>B. Conc.</b>	50%H <sub>2</sub> O/50%ACN

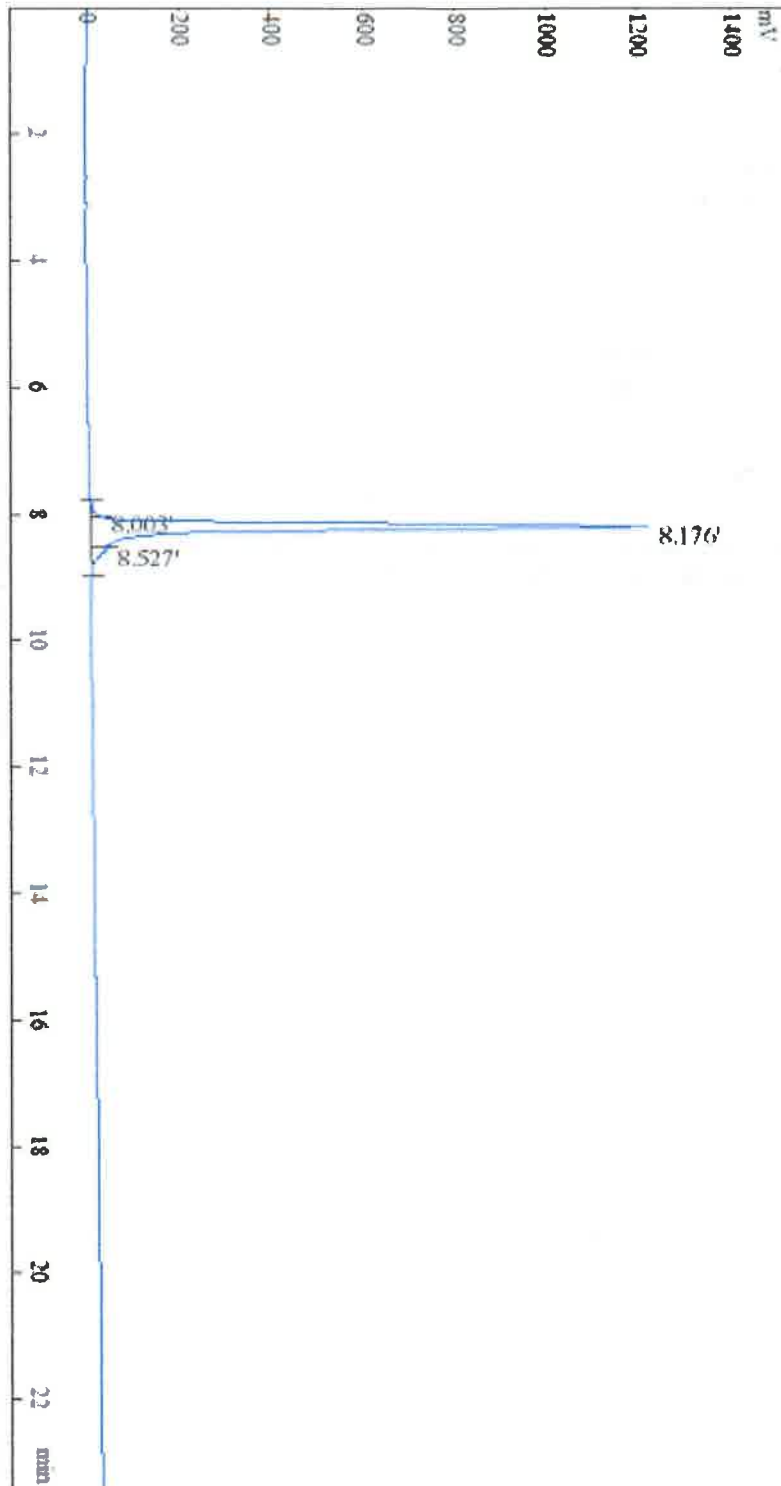


## MASS





## HPLC





## HPLC REPORT

<b>Product Name</b>	FONB2 Peptide Synthesis			
<b>Catalog Number</b>	CSB-DT1055			
<b>Sequence</b>	<i>RQIKIWFQNRMMKWKKQEIIVDSLKLSLVGSLKKFYEVN</i>			
<b>Lot No</b>	M0920P2			
<b>Column</b>	Gemini-NX 5 $\mu$ C18 110A, 4.6*250mm			
<b>Solvent A</b>	0.1% Trifluoroacetic in 100% Acetonitrile			
<b>Solvent B</b>	0.1% Trifluoroacetic in 100% Water			
<b>Purification</b>	Affinity purified using IMAC			
<b>Gradient</b>		A	B	
	0.01 min	20%	80%	
	25 min	80%	20%	
	25.1 min	100%	0%	
	30 min	STOP		
<b>Flow rate</b>	1.0 mL/min			
<b>Wavelength</b>	220nm			
<b>Volume</b>	20ul			
<b>Peak No.</b>	<b>Ret Time</b>	<b>Height</b>	<b>Area</b>	<b>Conc.</b>
1	11.251	2393	46737	0.6557
2	11.852	6938	152700	2.1424
3	12.206	433456	6872658	96.4265
4	12.718	2101	55268	0.7754
<b>Total</b>		444888	7127363	100
<b>Purity</b>	96.43%			
<b>Suggested Solvent (or solvent used in purification)</b>	1.0 mg peptide dissolve with 1ml DMSO			
<b>Form</b>	Lyophilized powder			
<b>Manufacture Date</b>	2023-9-20			



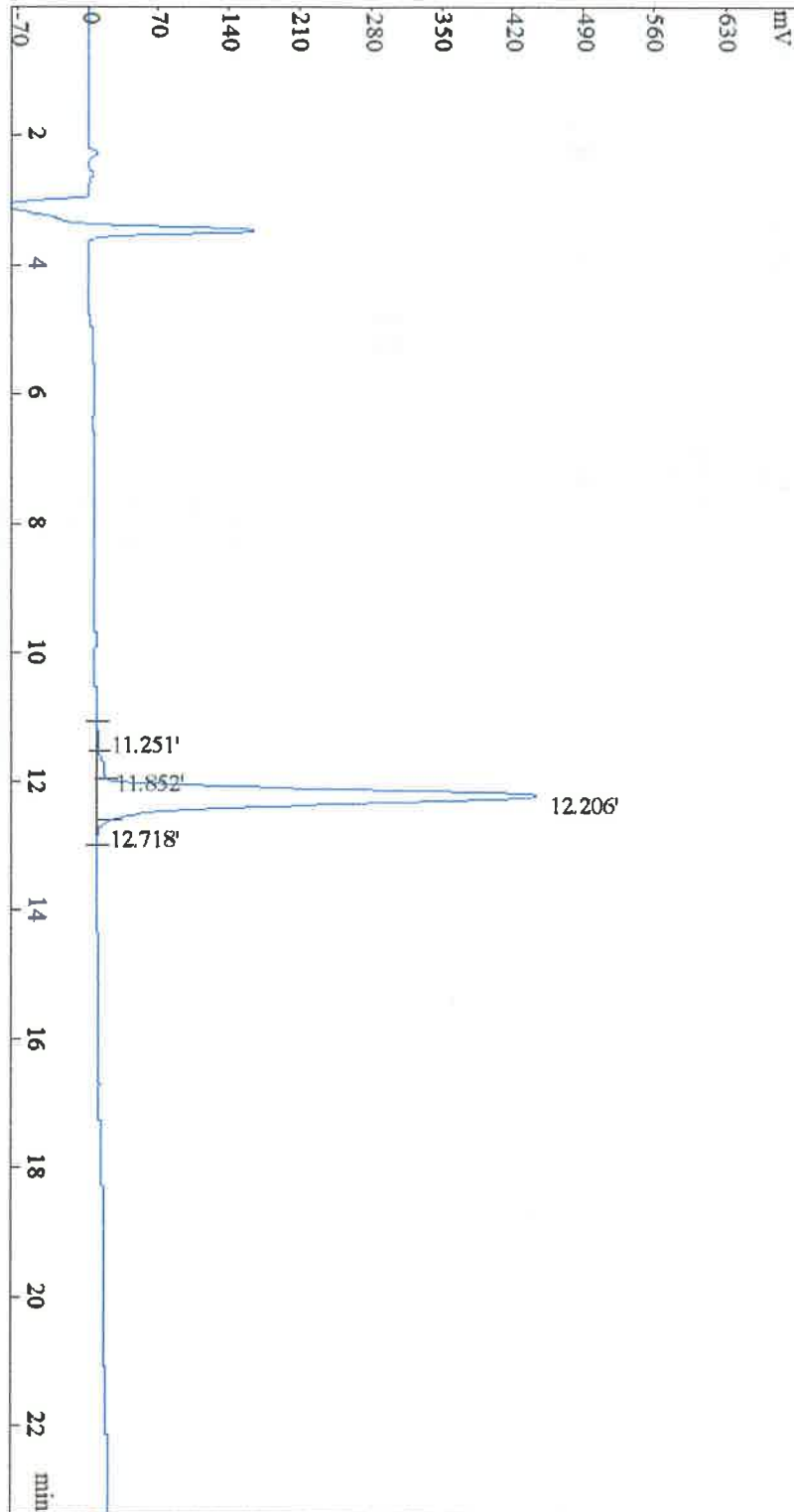
<b>Recommended Storage</b>	Short term	4 °C, one week from the date of receipt
	Long term	-20 to -80 °C, 6 months from the date of receipt
<b>Notes</b>	<p>The shelf life is related to many factors, storage state, storage temperature and the stability of the peptide itself. The above shelf lives are concluded by our current storage experience. The specific shelf life will depend on specific peptide.</p> <p>Please use as soon as possible after receiving. Repeated freezing and thawing is not recommended.</p>	

### MASS SPECTROMETRY REPORT

MASS Sample Description	
<b>Analyzed date</b>	2023-9-20
<b>Analyst</b>	Shen
<b>Sample</b>	CSB-DT1055
<b>M.W.</b>	4738.6Da
<b>Lot. No.</b>	M0920P2
<b>Instrument</b>	Agilent-6125B
<b>Probe</b>	ESI
<b>Nebulizer Gas Flow</b>	1.5L/min
<b>CDL</b>	-20.0v
<b>CDL Temp.</b>	250°C
<b>Block Temp.</b>	200°C
<b>Probe Bias</b>	+ 4.5kv
<b>Detector</b>	1.5kv
<b>T. Flow</b>	0.2ml/min
<b>B. Conc.</b>	50%H <sub>2</sub> O/50%ACN

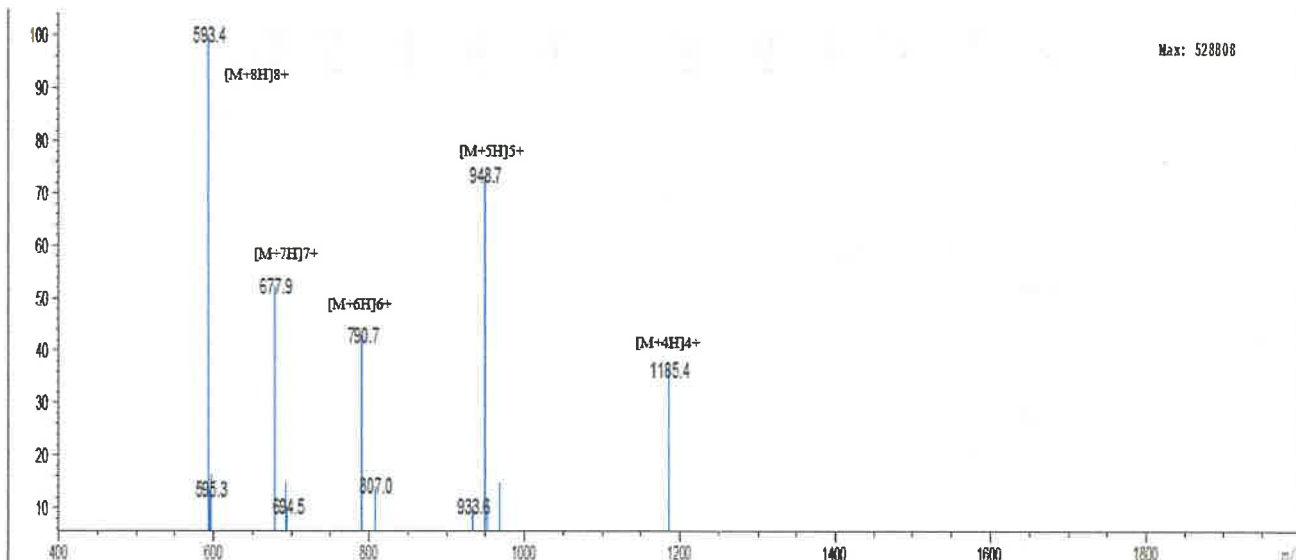


## HPLC





# MASS







## HPLC REPORT

<b>Product Name</b>	Nep1 Peptide Synthesis			
<b>Catalog Number</b>	CSB-DT1059			
<b>Sequence</b>	<i>RQIKIWFQNRRMKWKKRLVAMKFLRASEEHLKQHYIDLK</i>			
<b>Lot No</b>	M0913P1			
<b>Column</b>	Gemini-NX 5 $\mu$ C18 110A, 4.6*250mm			
<b>Solvent A</b>	0.1% Trifluoroacetic in 100% Acetonitrile			
<b>Solvent B</b>	0.1% Trifluoroacetic in 100% Water			
<b>Purification</b>	Affinity purified using IMAC			
<b>Gradient</b>		A	B	
	0.01 min	25%	75%	
	25 min	50%	50%	
	25.1 min	100%	0%	
	30 min	STOP		
<b>Flow rate</b>	1.0 mL/min			
<b>Wavelength</b>	220nm			
<b>Volume</b>	20ul			
<b>Peak No.</b>	<b>Ret Time</b>	<b>Height</b>	<b>Area</b>	<b>Conc.</b>
1	9.303	391990	4162116	96.9451
2	9.783	15065	131155	3.0549
<b>Total</b>		407055	4293271	100
<b>Purity</b>	96.95%			
<b>Suggested Solvent (or solvent used in purification)</b>	1.0 mg peptide dissolve with 1ml DMSO			
<b>Form</b>	Lyophilized powder			
<b>Manufacture Date</b>	2023-9-14			
<b>Recommended Storage</b>	Short term	4 $^{\circ}$ C, one week from the date of receipt		
	Long term	-20 to -80 $^{\circ}$ C, 6 months from the date of receipt		

**Notes**

The shelf life is related to many factors, storage state, storage temperature and the stability of the peptide itself. The above shelf lives are concluded by our current storage experience. The specific shelf life will depend on specific peptide.

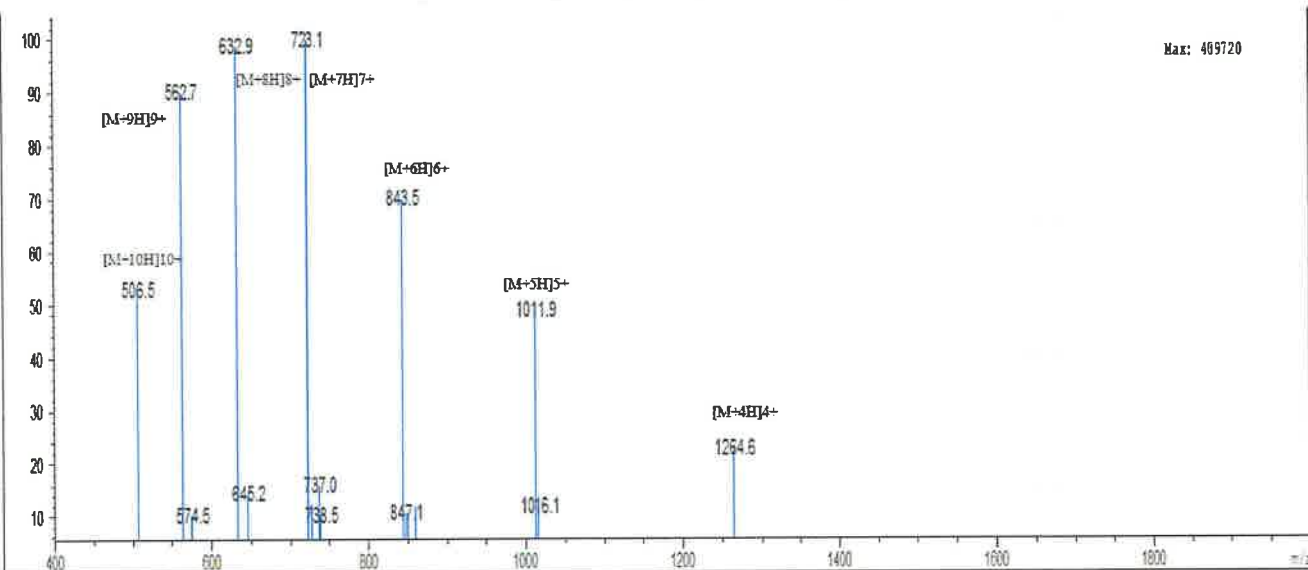
Please use as soon as possible after receiving. Repeated freezing and thawing is not recommended.

**MASS SPECTROMETRY REPORT****MASS Sample Description**

<b>MASS Sample Description</b>	
<b>Analyzed date</b>	2023-9-14
<b>Analyst</b>	Shen
<b>Sample</b>	CSB-DT1059
<b>M.W.</b>	5055.03Da
<b>Lot. No.</b>	M0913P1
<b>Instrument</b>	Agilent-6125B
<b>Probe</b>	ESI
<b>Nebulizer Gas Flow</b>	1.5L/min
<b>CDL</b>	-20.0v
<b>CDL Temp.</b>	250°C
<b>Block Temp.</b>	200°C
<b>Probe Bias</b>	+ 4.5kv
<b>Detector</b>	1.5kv
<b>T. Flow</b>	0.2ml/min
<b>B. Conc.</b>	50%H <sub>2</sub> O/50%ACN

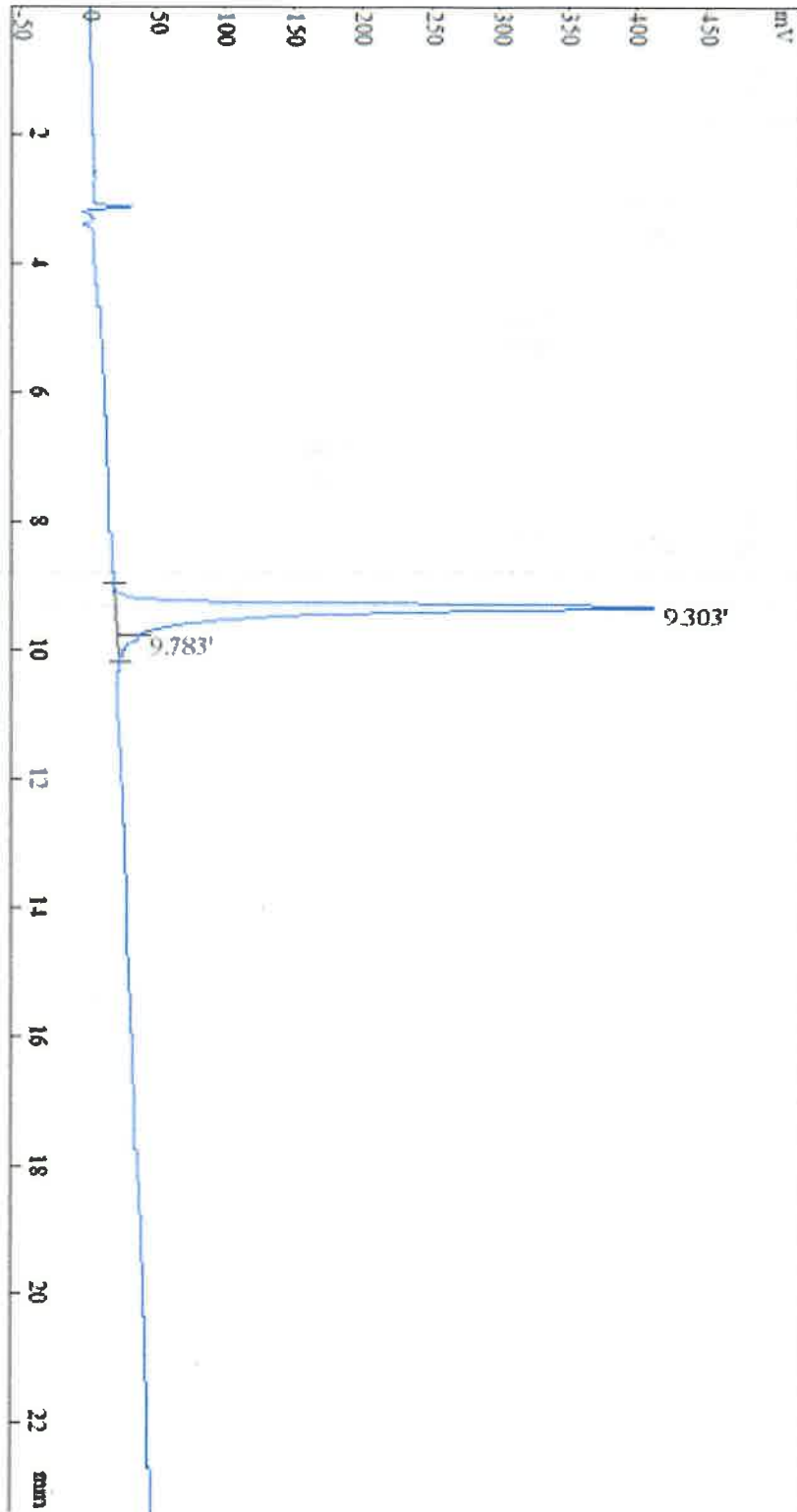


# MASS





**HPLC**





## HPLC REPORT

<b>Product Name</b>	Hdep1 Peptide Synthesis			
<b>Catalog Number</b>	CSB-DT1057			
<b>Sequence</b>	RQIKIWFQNRRMKWKKSRQYLDQIRQTIFENLKMLN			
<b>Lot No</b>	M0926P1			
<b>Column</b>	Gemini-NX 5 $\mu$ C18 110A, 4.6*250mm			
<b>Solvent A</b>	0.1% Trifluoroacetic in 100% Acetonitrile			
<b>Solvent B</b>	0.1% Trifluoroacetic in 100% Water			
<b>Purification</b>	Affinity purified using IMAC			
<b>Gradient</b>		A	B	
	0.01 min	20%	80%	
	25 min	80%	20%	
	25.1 min	100%	0%	
	30 min	STOP		
<b>Flow rate</b>	1.0 mL/min			
<b>Wavelength</b>	220nm			
<b>Volume</b>	20ul			
<b>Peak No.</b>	<b>Ret Time</b>	<b>Height</b>	<b>Area</b>	<b>Conc.</b>
1	12.425	10481	63413	0.6557
2	12.734	586947	9257890	95.7351
3	13.226	21514	349020	3.6092
<b>Total</b>		618942	9670323	100
<b>Purity</b>	95.74%			
<b>Suggested Solvent (or solvent used in purification)</b>	1.0 mg peptide dissolve with 1ml DMSO			
<b>Form</b>	Lyophilized powder			
<b>Manufacture Date</b>	2023-9-27			
<b>Recommended</b>	Short term	4 $^{\circ}$ C, one week from the date of receipt		



<b>Storage</b>	Long term	-20 to -80 °C, 6 months from the date of receipt
<b>Notes</b>	<p>The shelf life is related to many factors, storage state, storage temperature and the stability of the peptide itself. The above shelf lives are concluded by our current storage experience. The specific shelf life will depend on specific peptide.</p> <p>Please use as soon as possible after receiving. Repeated freezing and thawing is not recommended.</p>	

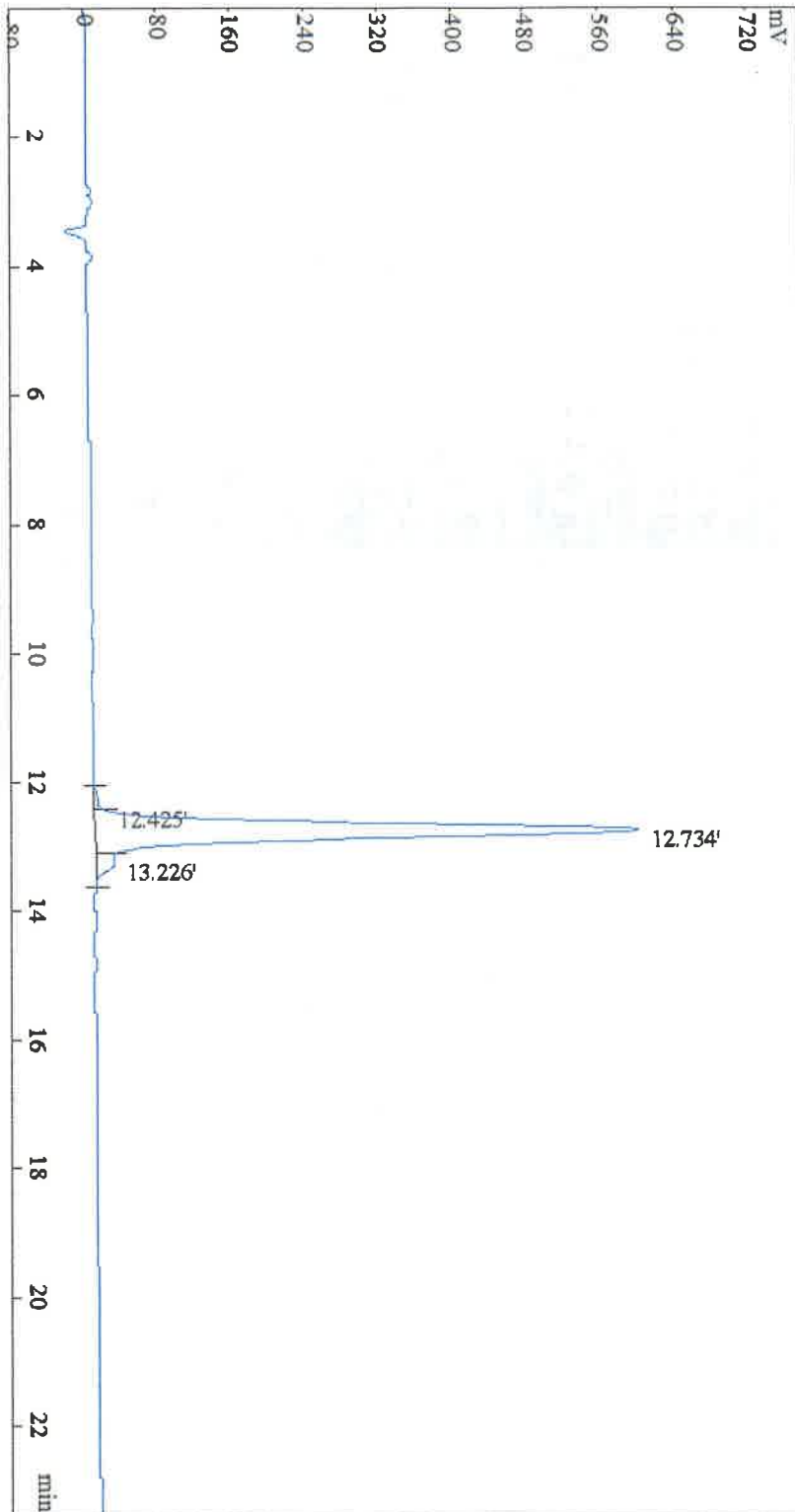
## MASS SPECTROMETRY REPORT

### MASS Sample Description

<b>Analyzed date</b>	2023-9-27
<b>Analyst</b>	Shen
<b>Sample</b>	CSB-DT1057
<b>M.W.</b>	4739.57Da
<b>Lot. No.</b>	M0926P1
<b>Instrument</b>	Agilent-6125B
<b>Probe</b>	ESI
<b>Nebulizer Gas Flow</b>	1.5L/min
<b>CDL</b>	-20.0v
<b>CDL Temp.</b>	250°C
<b>Block Temp.</b>	200°C
<b>Probe Bias</b>	+ 4.5kv
<b>Detector</b>	1.5kv
<b>T. Flow</b>	0.2ml/min
<b>B. Conc.</b>	50%H <sub>2</sub> O/50%ACN



## HPLC





# MASS

