



MediLumine Inc.  
5795 Av. De Gaspé, Suite #112  
Montreal, Quebec, Canada  
H2S 2X3

## Certificate of Analysis

### Description

Product: <b>Bradykinin B2 Receptor Agonist</b>	Lot number: <b>161115</b>
Sequence: <b>H-Arg-Pro-Hyp-Gly-Thi-Ser-NChg-Thi-Arg-OH</b>	Quantity: <b>1 mg</b>
Application: <b>Temporary permeabilization of blood brain barrier, in-vivo &amp; in-vitro testing</b>	Storage condition: <b>-20 degrees Celcius and dryness</b>
	Long term storage: <b>-70 degrees Celcius in dark and dryness</b>

Final product is in lyophilized powder form.

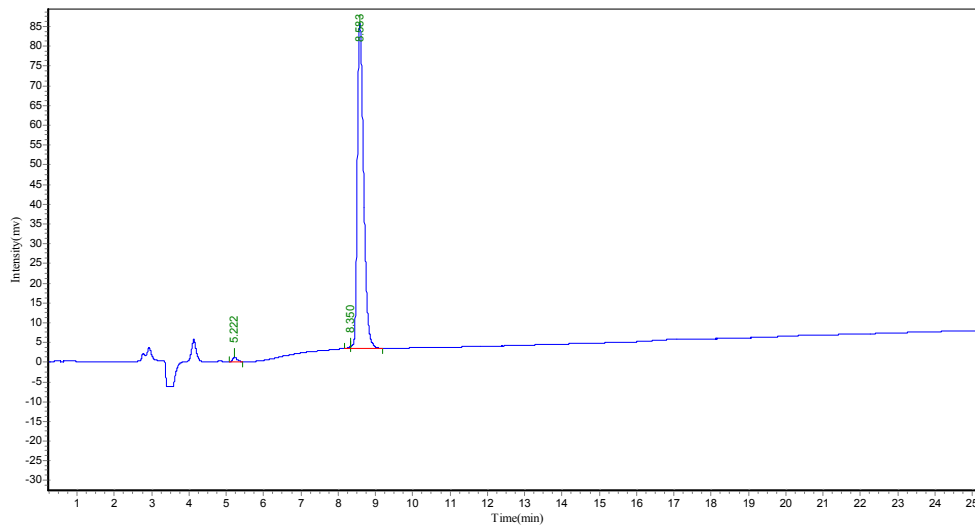
### HPLC REPORT

Structure : Bradykinin B2R agonist  
Number : 010250011

Lot No : P151012-SY463484  
Column : 4.6×250mm, VenusilMPC18-5  
SolventA : 0.1% trifluoroacetic in 100% acetonitrile  
Solvent B : 0.1% trifluoroacetic in 100% water  
Gradient :

	A	B
0.01min	20%	80%
25min	45%	55%
25.1min	100%	0%
30min	STOP	

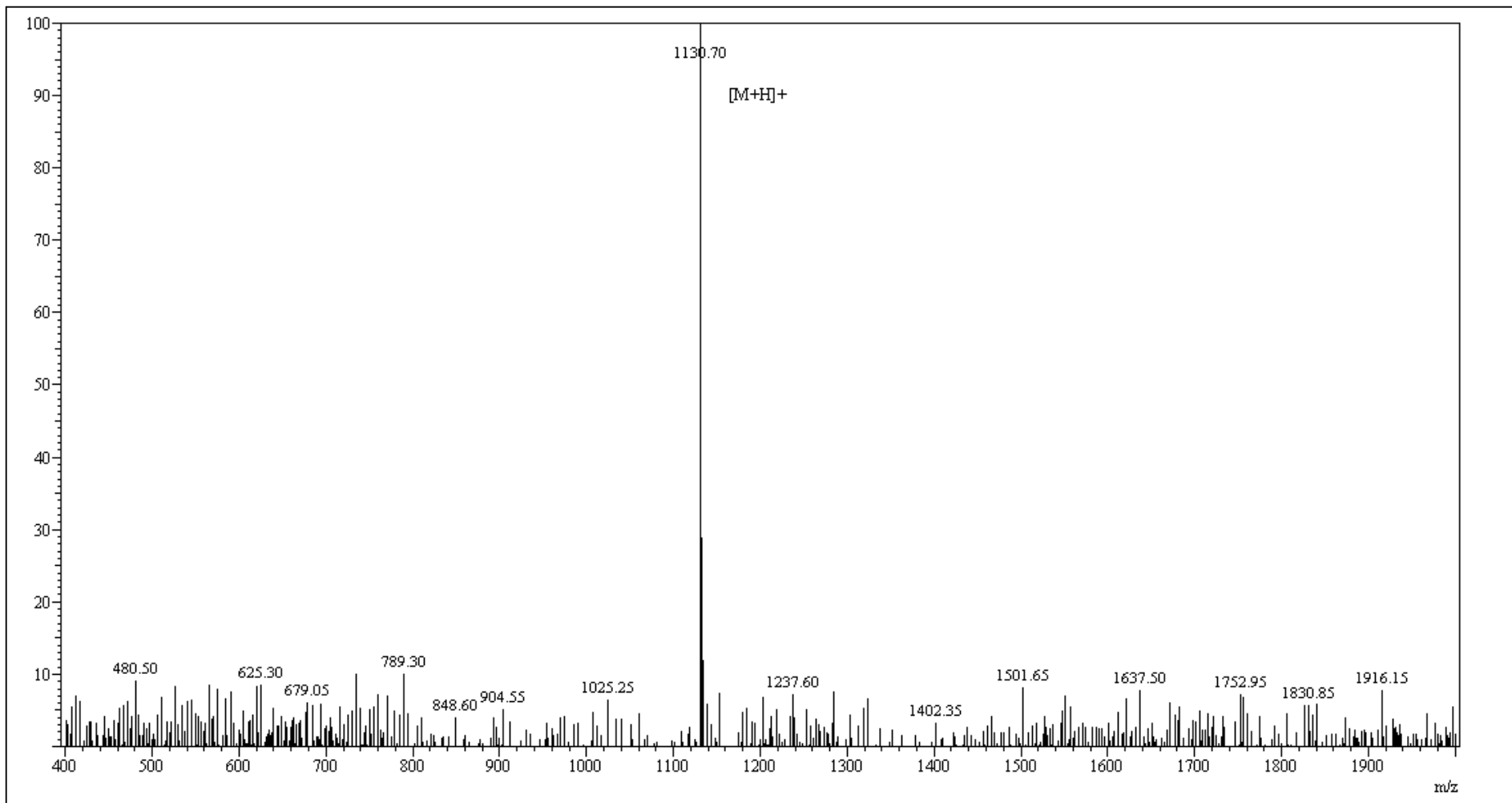
Flow rate : 1.0 mL/min  
Wavelength : 220nm  
Volume : 5ul



Peak No.	Ret Time	Height	Area	Conc..
1	5.222	1202.228	9780.399	0.9934
2	8.350	716.421	3214.870	0.3265
3	8.583	82296.883	971554.438	98.6801
Total				100.0000

Positive

### MS Spectrum



Sample :MEDL004 RR-9  
Inj. Volume 1  
MW :1131.27  
:

Probe: ESI  
Nebulizer Gas Flow: 1.5L/min  
CDL: -20.0v  
DL Temp: 250°C  
Block Temp: 300°C

Probe bias: +4.5kv  
Detector: 1.5kv  
T. Flow: 0.2ml/min  
B. conc: 50%H2O/50%ACN