

CERTIFICATE OF ANALYSIS

Product Name	Fmoc-HAVDI (Cat.# 319718), TFA removed
Lot No.	MTFA33655-02-251128
Sequence	Fmoc-HAVDI (Acetate Salt)
Dissolution condition	15%ACN+85%H2O
Modification	acetate salt
Molecular Weight (MW)	775.85
Storage	-20°C

Test Items	Specifications	Results
MW by MS	775.40	Conforms
Purity by HPLC	>95%	99.455%
Endotoxin Content	N/A	N/A
TFA solubility	N/A	N/A
Moisture content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	20mg	5.0mg*4

NovoPro Bioscience Inc. (hereafter NovoPro) warrants material of said quality at the time of sale. It is the sole responsibility of the customers to determine the adequacy of all materials for any intended or specific purpose or use. NovoPro's sole obligation is to replace the material up to the extent of the purchase price. This warranty applies only to products in original packaging and does not apply to a product which has been tampered with or altered in any way in or which has been misused or damaged by accident or negligence. All claims must be received writing (by fax or email) within 30 days from date when product arrive at the destination city and failure to do so shall constitute a waiver by customers for any and all such claims.

Certified by: 
Quality Assurance Department

Jan/07/2026

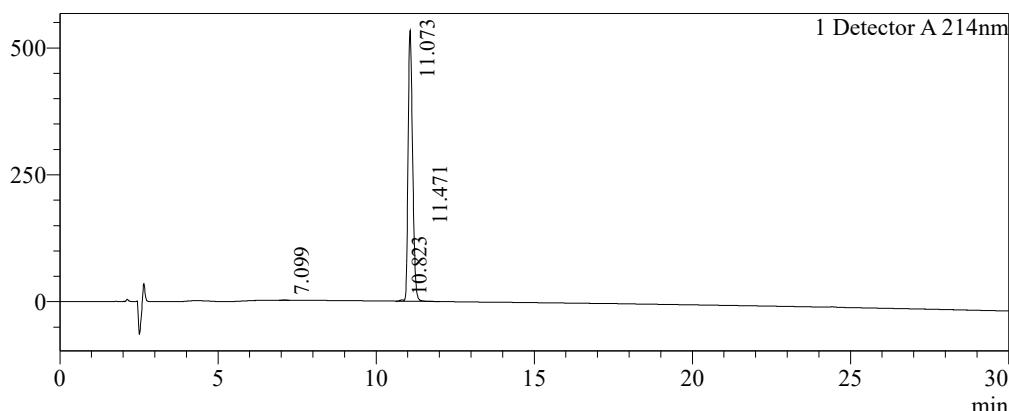


Sample Information

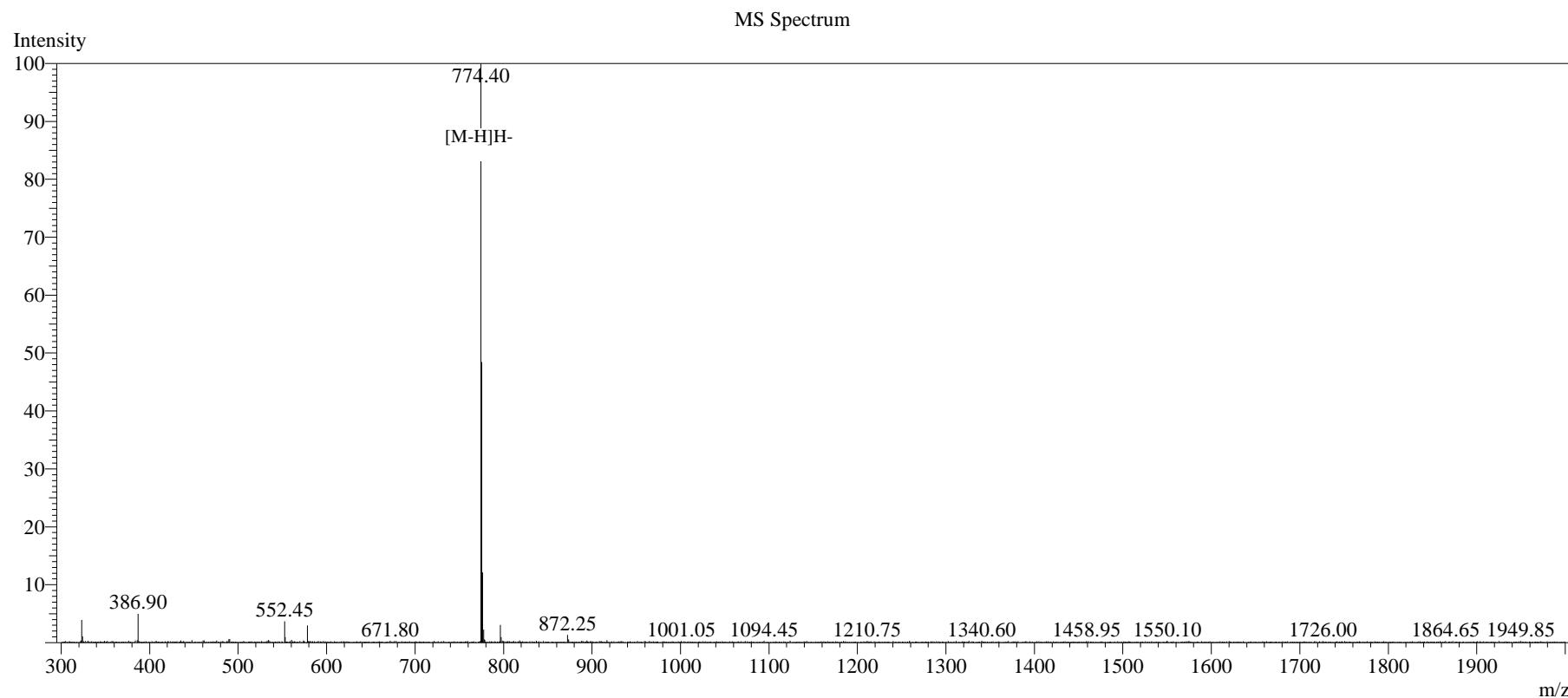
Order ID :MTFA33655-02
 Name :Fmoc-HAVDI (TFA removed)
 Sequence :Fmoc-HAVDI (Acetate Salt)
 Lot. No :MTFA33655-02-251128
 Pump A :0.1%Trifluoroacetic in 100% water
 Pump B :0.1%Trifluoroacetic in 100% acetonitrile
 Total Flow :1ml/min
 Wavelength :214nm
 Analytical column type :Kromasil 100-5-C18 (4.6*250mm*5 μ m)
 Dissolution method :15%ACN+85%H2O
 Inj. Volume : 8ul
 Time Module Action Value
 0.01 Pumps B.Conc 35
 30.00 Pumps B.Conc 65
 33.00 Pumps B.Conc 100
 38.00 Pumps B.Conc 100
 40.00 Pumps B.Conc 35
 50.00 Controller Stop

Chromatogram

mV


Peak Table
Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.099	1765	223	0.033
2	10.823	20016	2645	0.376
3	11.073	5295052	533506	99.455
4	11.471	7236	958	0.136
Total		5324070	537332	100.000



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/12/18 13:06:34	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250°C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50%H2O/50%MEOH

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Lot.No	:MTFA33655-02-251128
Theoretical	:775.85
Observed	:775.40