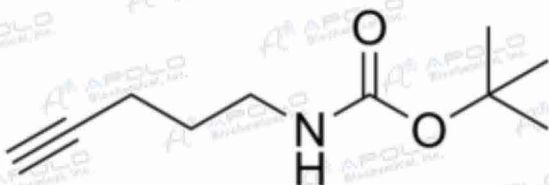


CERTIFICATE OF ANALYSIS

Product Name: N-Boc-4-pentyne-1-amine

Chemical Structure:



Lot Number: 276147CS0091189

CAT Number: APL-1519785

CAS Registry Number: 151978-50-6

Manufacture Date: 01/2023

Expiry Date: 01/2025

Molecular Formula: C₁₀H₁₇NO₂

Molecular Weight: 183.25

Target: PROTAC Linkers

Solubility: DMSO: ≥ 50 mg/mL
(272.85 mM)

Storage: 2-8°C

Analysis Data

Item	Specification	Results
Appearance	White to off-white (Solid)	Conforms
¹ H NMR Spectrum	Consistent with the structure	Conforms
Purity (NMR)	≥ 97.0 %	97.0 %

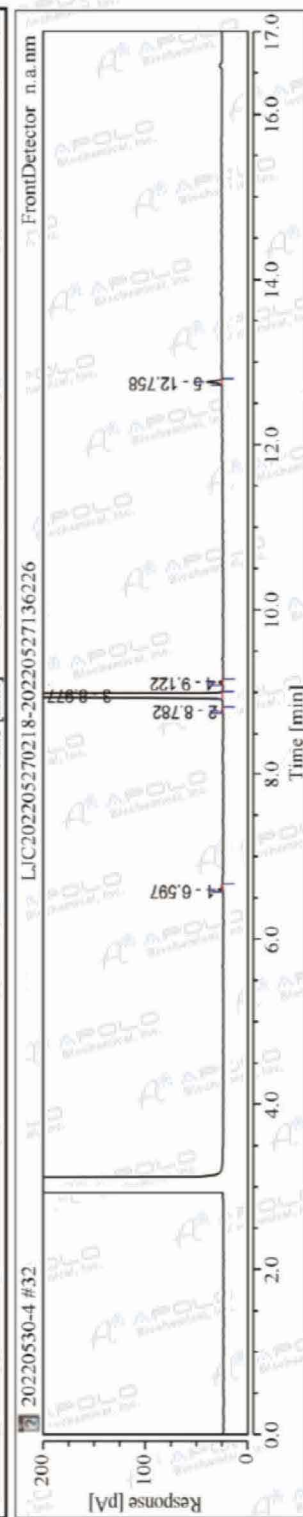
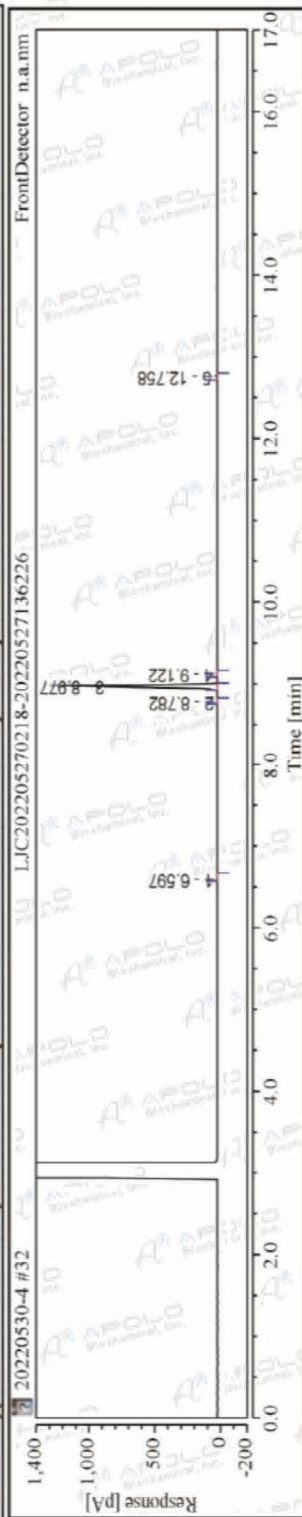
The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque 02/2023
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO

Chromatogram and Results

Sample ID: LJC202205270218-20220527136226
CAS NO.: 151978-50-6
Vial Number: 62
Injection Type: Unknown
Instrument: GC10402
Instrument Method: GC-FQ
Processing Method: PM-LJC202205270218-20220527136226
seq. creation operator: Mzouy
chrom.://ahyy-cm7/CM7DATA/Leyan/GC10402/Sequence/2022/202205270218-20220527136226
Comment: AH-GC003
Channel: FrontDetector
Wavelength: n.a.
Injection Volume: 1.00
Injection Time: 31/05/2022 08:06
InstMeth. creation_t: 31/05/2020 11:09
Last update_time: 31/05/2022 15:43



No.	Retention Time min	Area pA*min	Height pA	Plates (USP)	Resolution (USP)	Asymmetry (USP)	Rel. Area %	Peak Name
1	6.597	0.132	4.438	543404	54.50	1.94	0.382	
2	8.782	0.042	1.512	626093	4.15	1.50	0.123	
3	8.977	33.876	1182.685	525997	3.61	0.69	98.256	
4	9.122	0.080	3.939	1398563	107.08	0.89	0.231	
5	12.758	0.348	14.777	1894906	n.a.	0.99	1.008	
Total:		34.478	1207.352		169.34			

