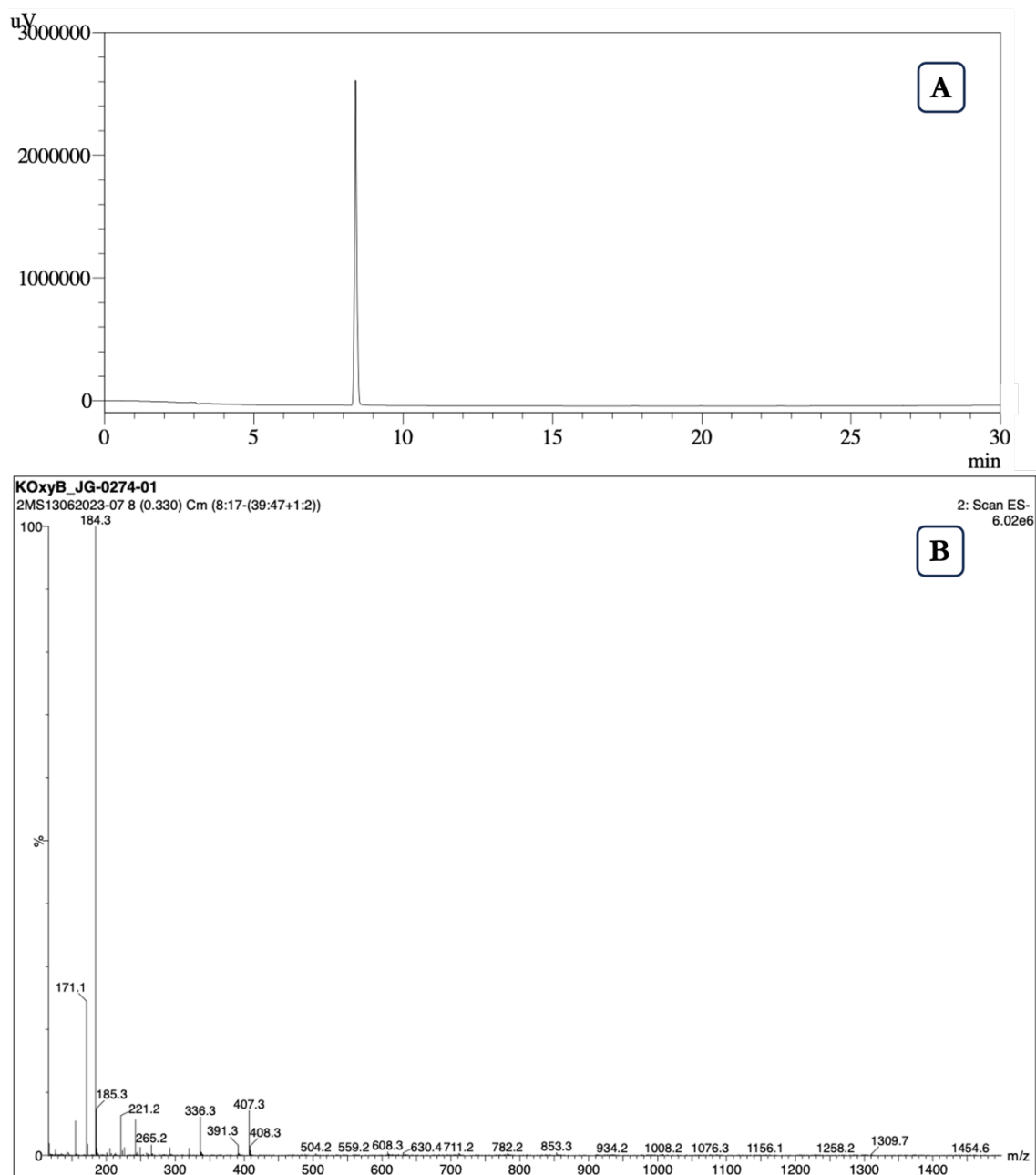


Supporting information

Table S1. Summary of yields and purities of the different synthetic batches of murepavadin

Entry	Resin	Initial resin amount / loading	Coupling agents	Cleavage yield	Cyclization yield	Acidolysis yield	Crude purity	Purification yield	Global yield
A	2-CTC	253.9 mg	3 eq DIC	249.1 mg	239.1 mg	194.5 mg	58 %	56.1 mg	12 %
		0.86 mmol/g	3 eq HOBt	46 %	96 %	90 %		29 %	
B	2-CTC	264.4 mg	3 eq DIC	513.0 mg	476.0 mg	358.4 mg	64 %	143.4 mg	28 %
		0.86 mmol/g	3 eq K-Oxyma	91 %	93 %	83 %		40 %	
C	Cl-Trt	258.4 mg	3 eq DIC	118.9 mg	104.9 mg	78.9 mg	67 %	35.2 mg	14 %
		0.45 mmol/g	3 eq HOBt	41 %	89 %	83 %		45 %	
D	2-CTC	245.5 mg	3 eq TBEC	344.8 mg	325.0 mg	260.0 mg	60 %	93.2 mg	27 %
		0.63 mmol/g	3 eq K-Oxyma	90 %	95 %	88 %		36 %	
E	2-CTC	256.4 mg	3 eq TBEC	391.2 mg	372.9 mg	301.4 mg	67 %	117.5 mg	30 %
		0.69 mmol/g	3 eq Oxy-B	89 %	96 %	89 %		39 %	
F	2-CTC	258.1 mg	3 eq TBEC	415.8 mg	389.0 mg	319.8 mg	59 %	108.7 mg	27 %
		0.70 mmol/g	3 eq K-Oxy-B	93 %	94 %	91 %		34 %	



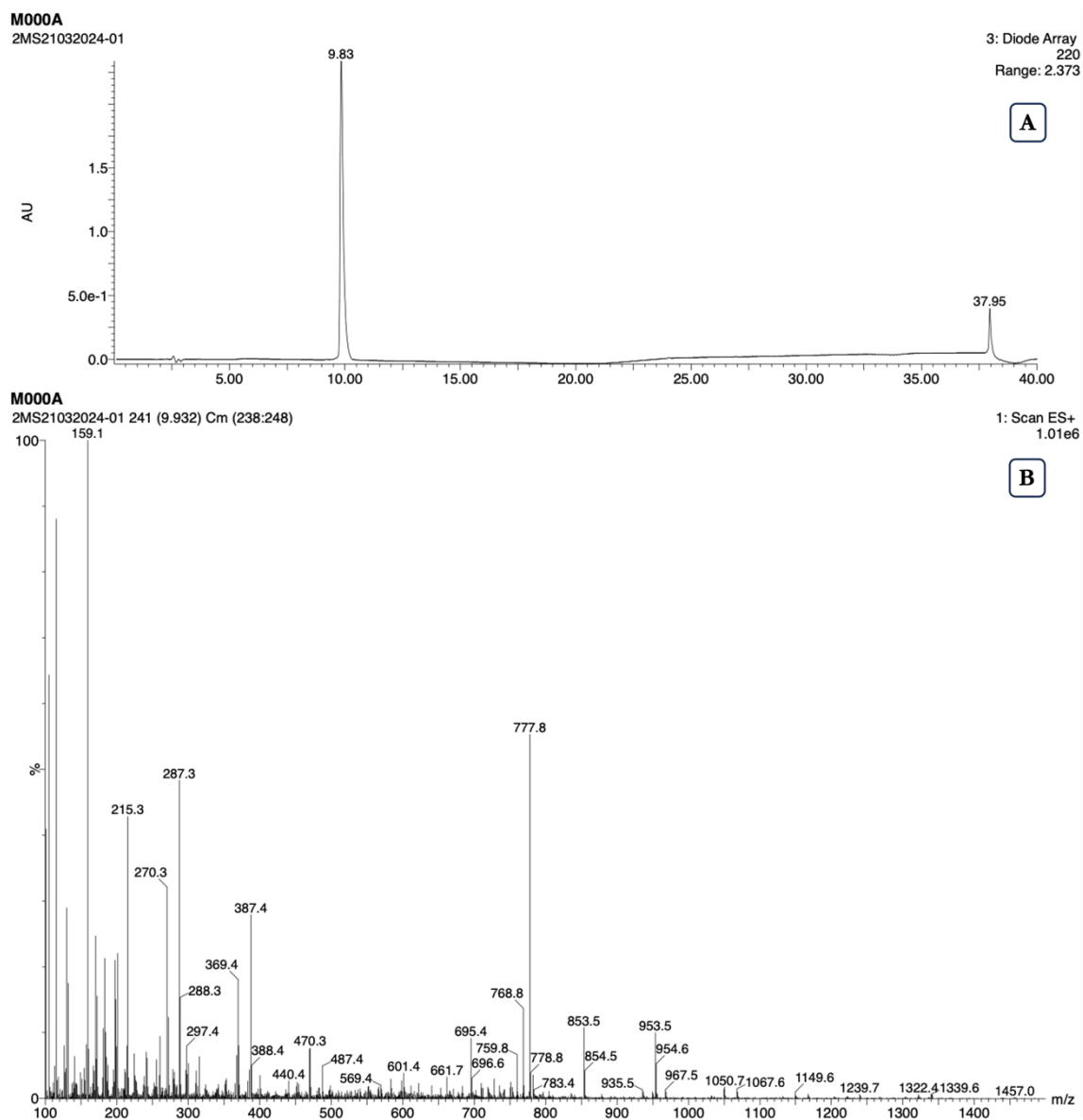


Figure S2. HPLC (A) and ESI-MS (B) analysis of murepavadin batch A.

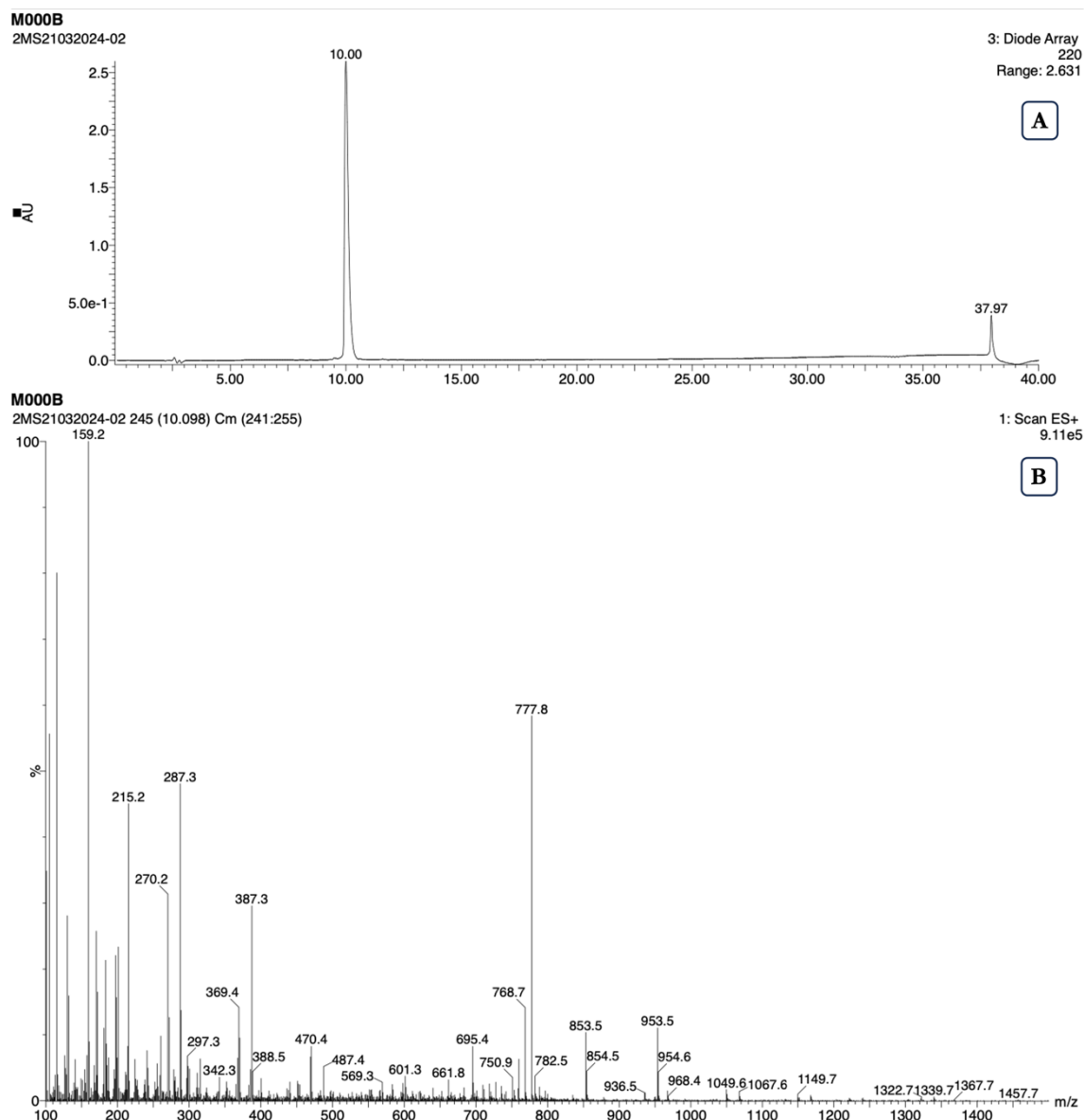


Figure S3. HPLC (A) and ESI-MS (B) analysis of murepavadin batch B.

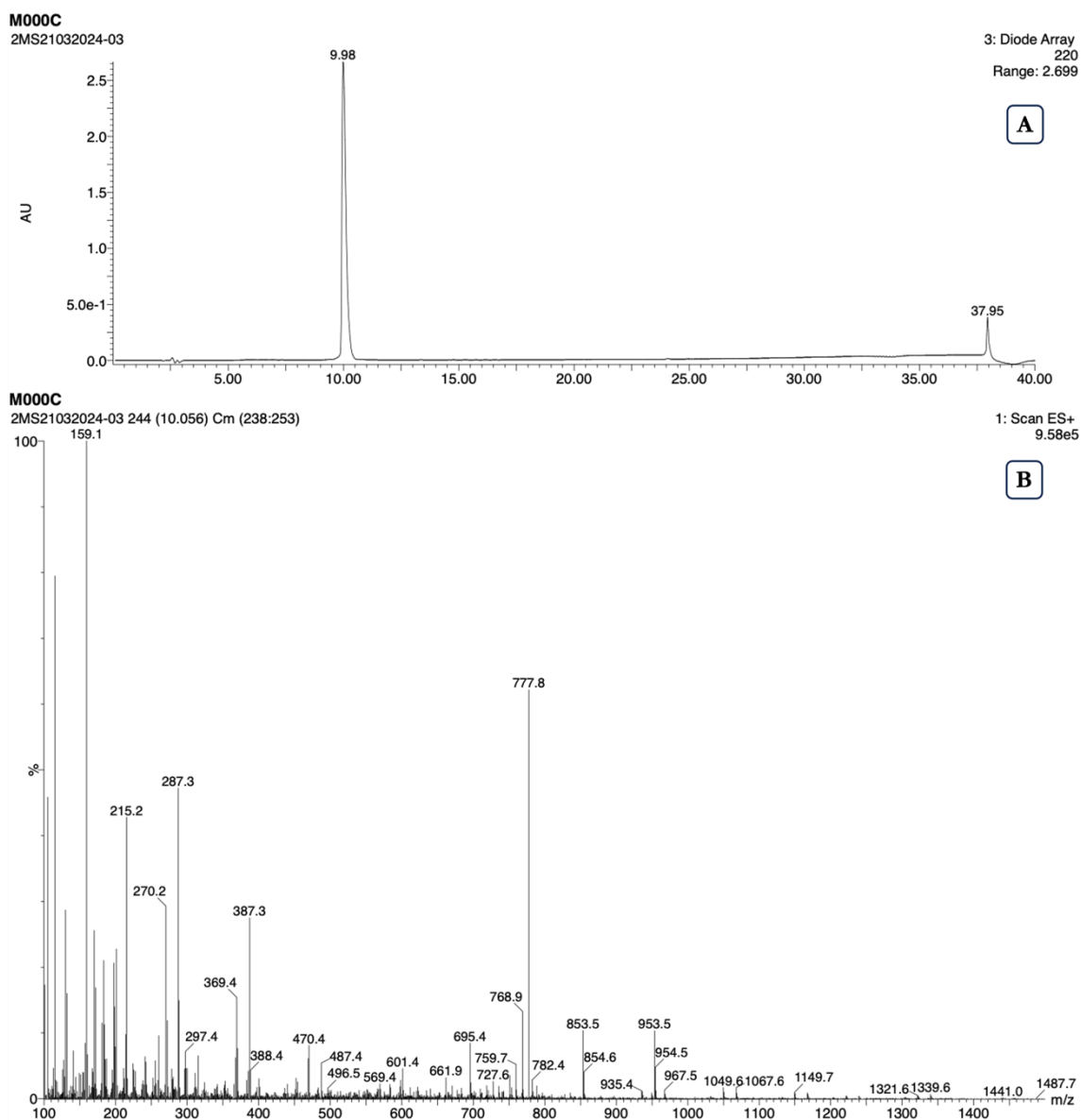


Figure S4. HPLC (A) and ESI-MS (B) analysis of murepavadin batch C.

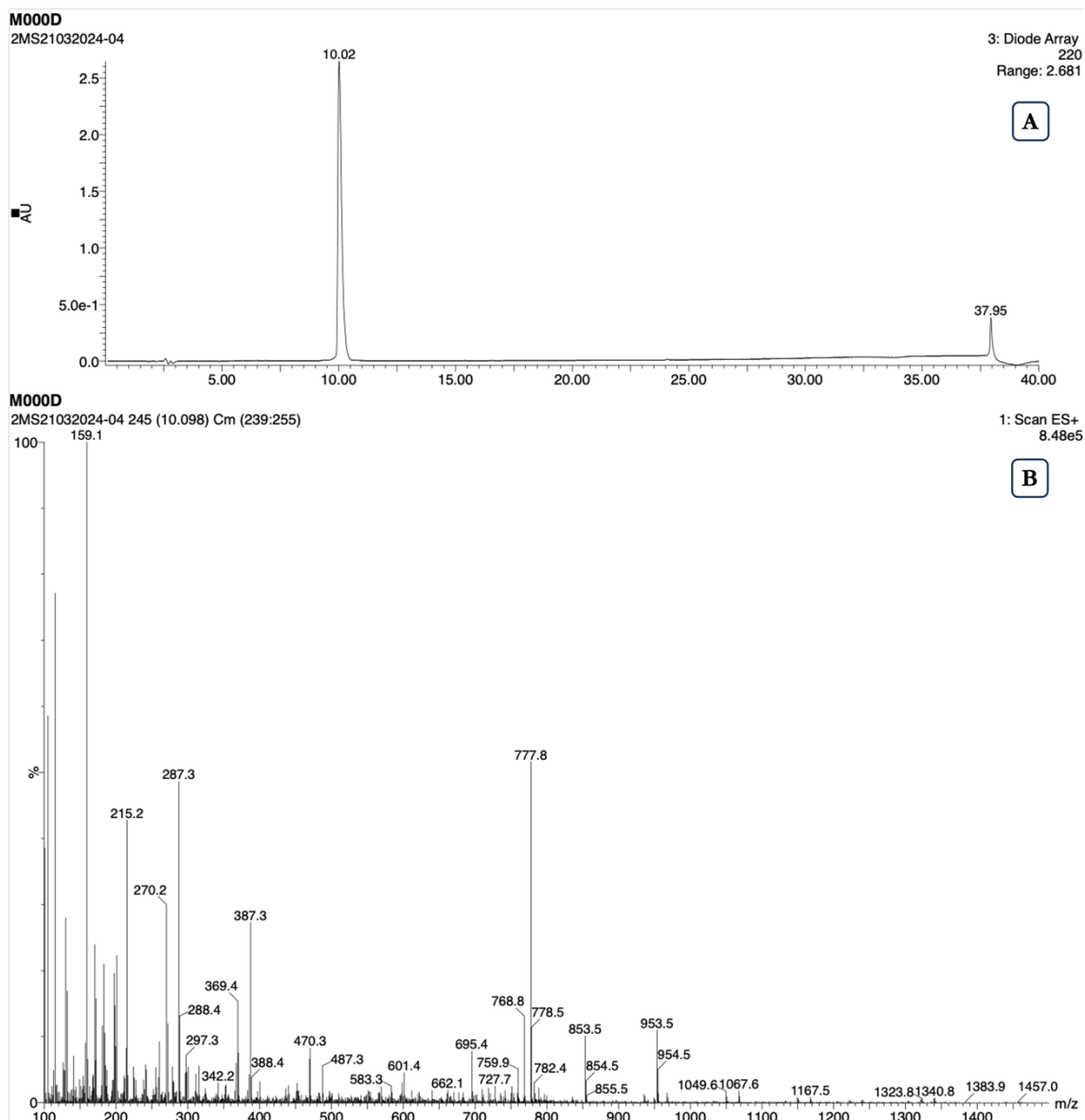


Figure S5. HPLC (A) and ESI-MS (B) analysis of murepavadin batch D.

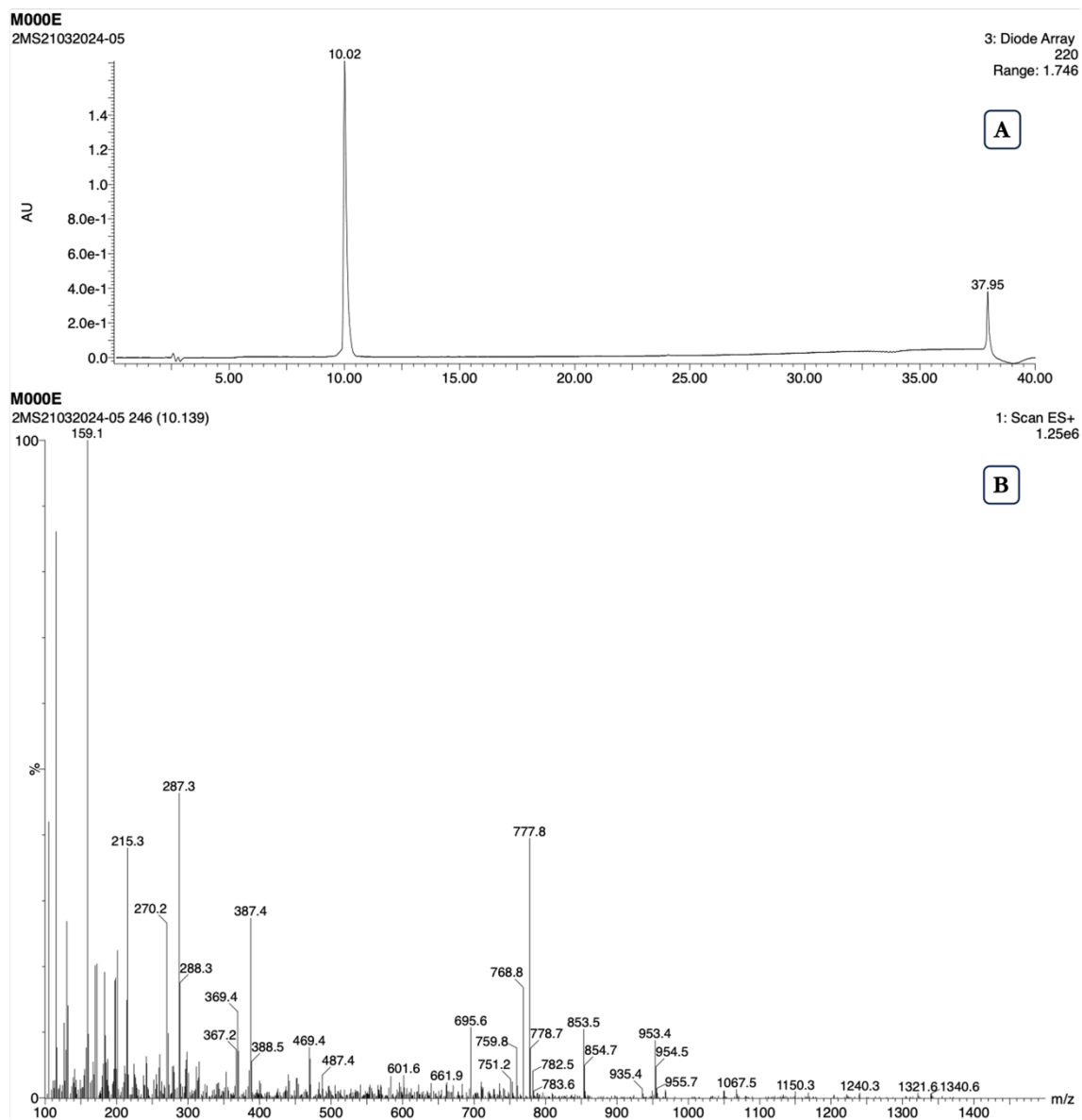


Figure S6. HPLC (A) and ESI-MS (B) analysis of murepavadin batch E.

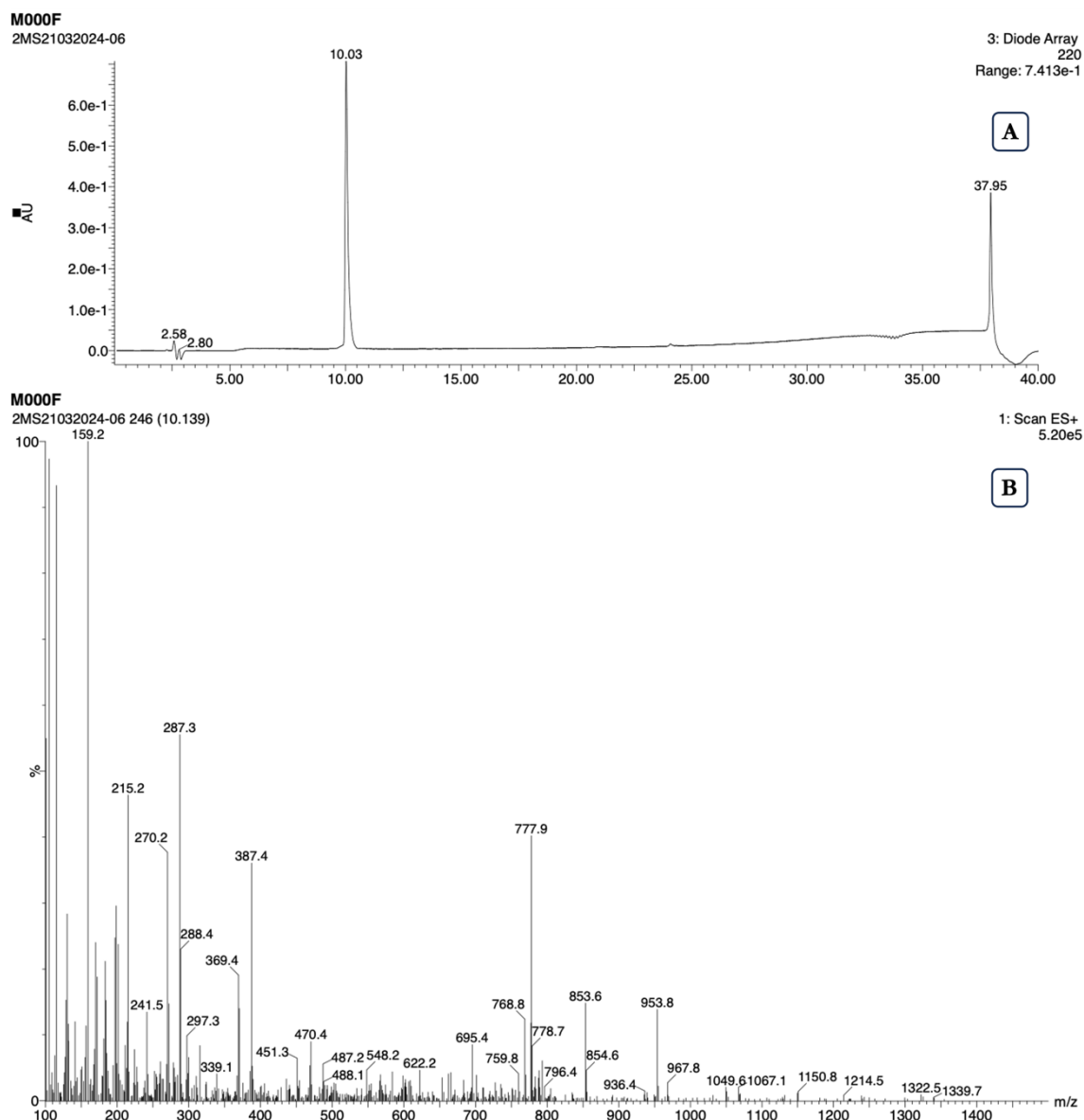


Figure S7. HPLC (A) and ESI-MS (B) analysis of murepavadin batch F.