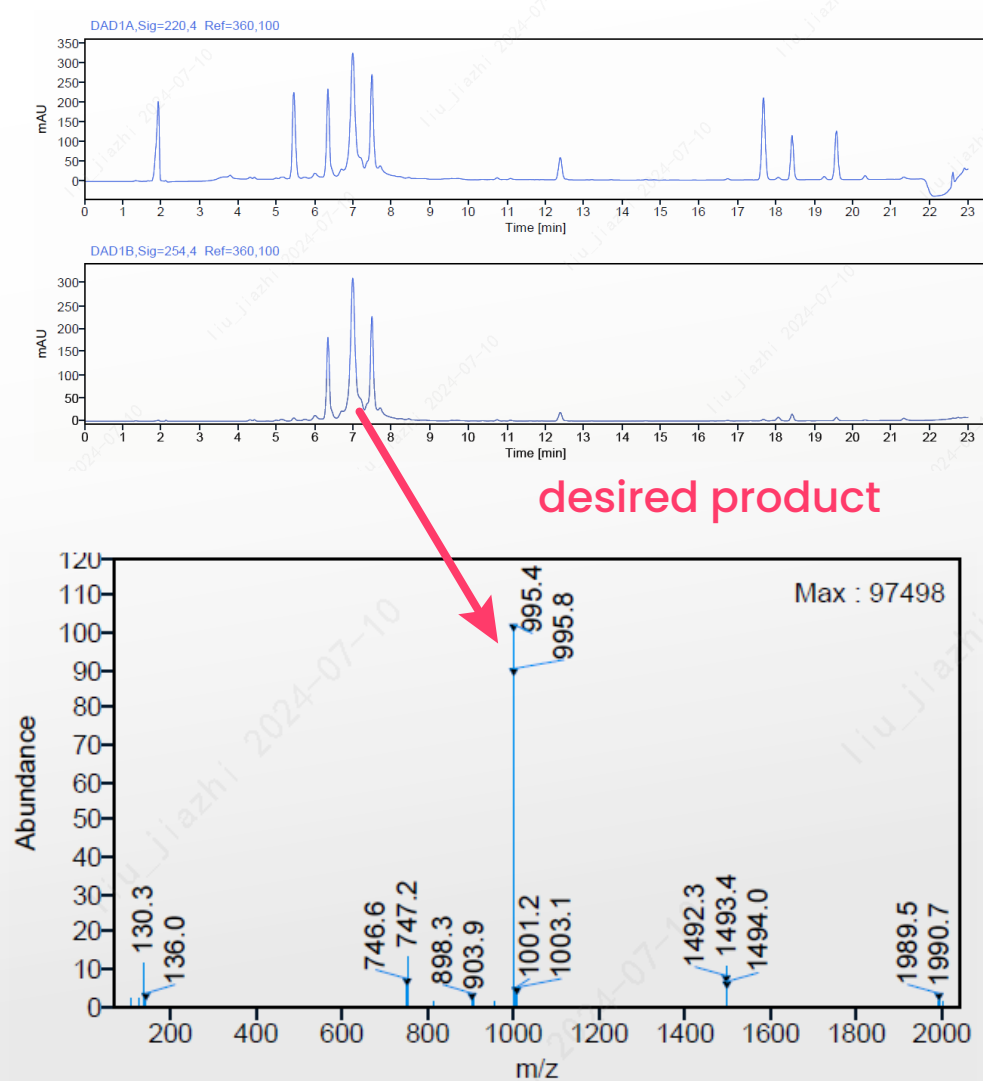


A Comparison of 11-Monomer PNA Synthesis: Literature Protocol vs. Our Enhanced Method

Literature protocol



- Solvent: DMF
- Resin: Tenta Gel Resin
- Coupling Condition: 3.0 eq PNA Monomer + 2.85 eq HATU, 3 eq HOAt, 2.5 eq DIEA + 3.5 eq 2,6-lutidine
- De-Fmoc: 20% pyrrolidine/DMF, 5+5 min

References

Chem. Soc. Rev., 2023, 52, 2764 DOI: 10.1039/d2cs00049k
Int. J. Med. Sci. 2013; 10(3):331. DOI: 10.7150/ijms.5374

Our Advantages

No need of Tenta Gel resin

High crude purity

High yield

Fast reaction time

Our protocol

