

Supplementary

Figure S1. ^1H -NMR of TOMBU.

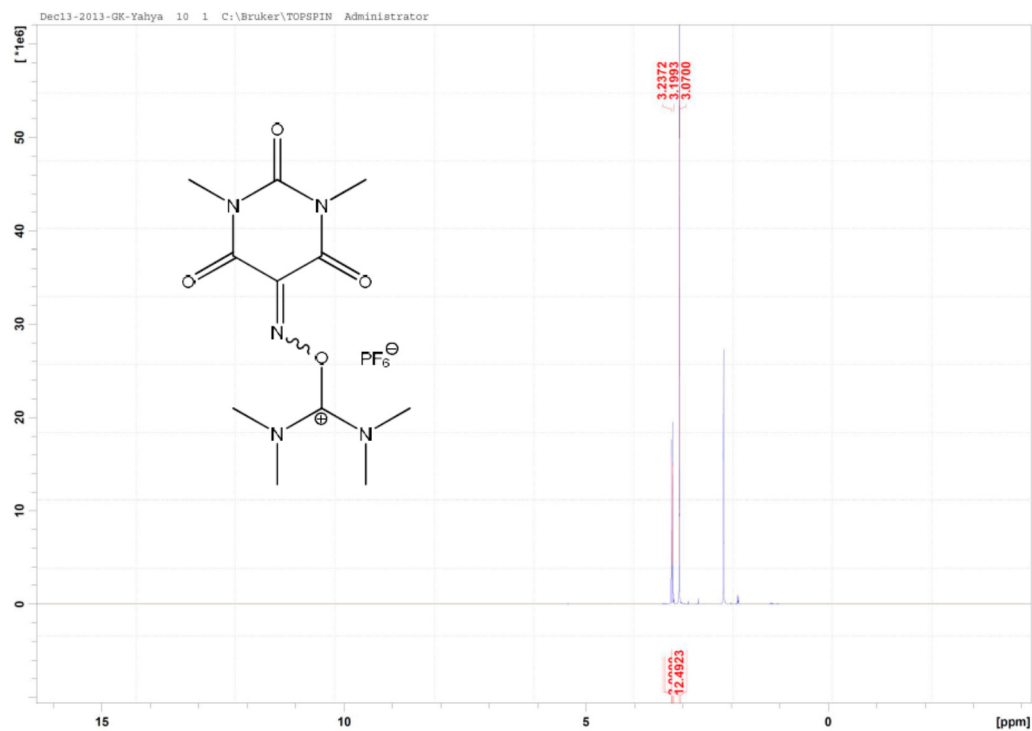


Figure S2. ^1H -NMR of TOMBU (Expansion for S1).

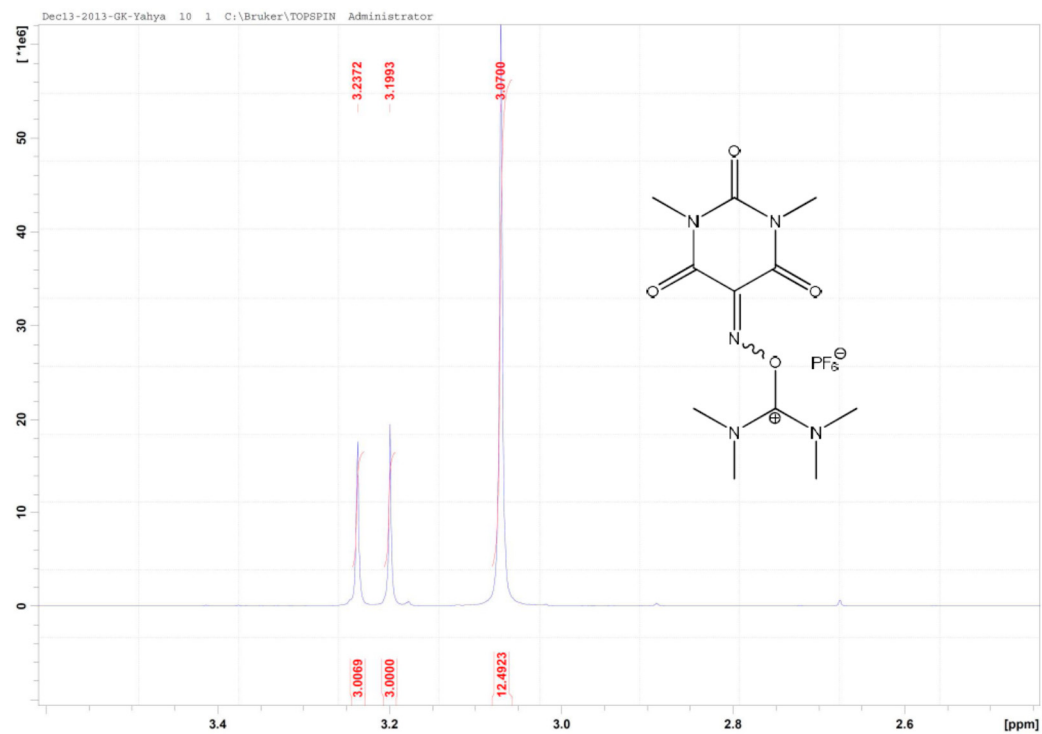


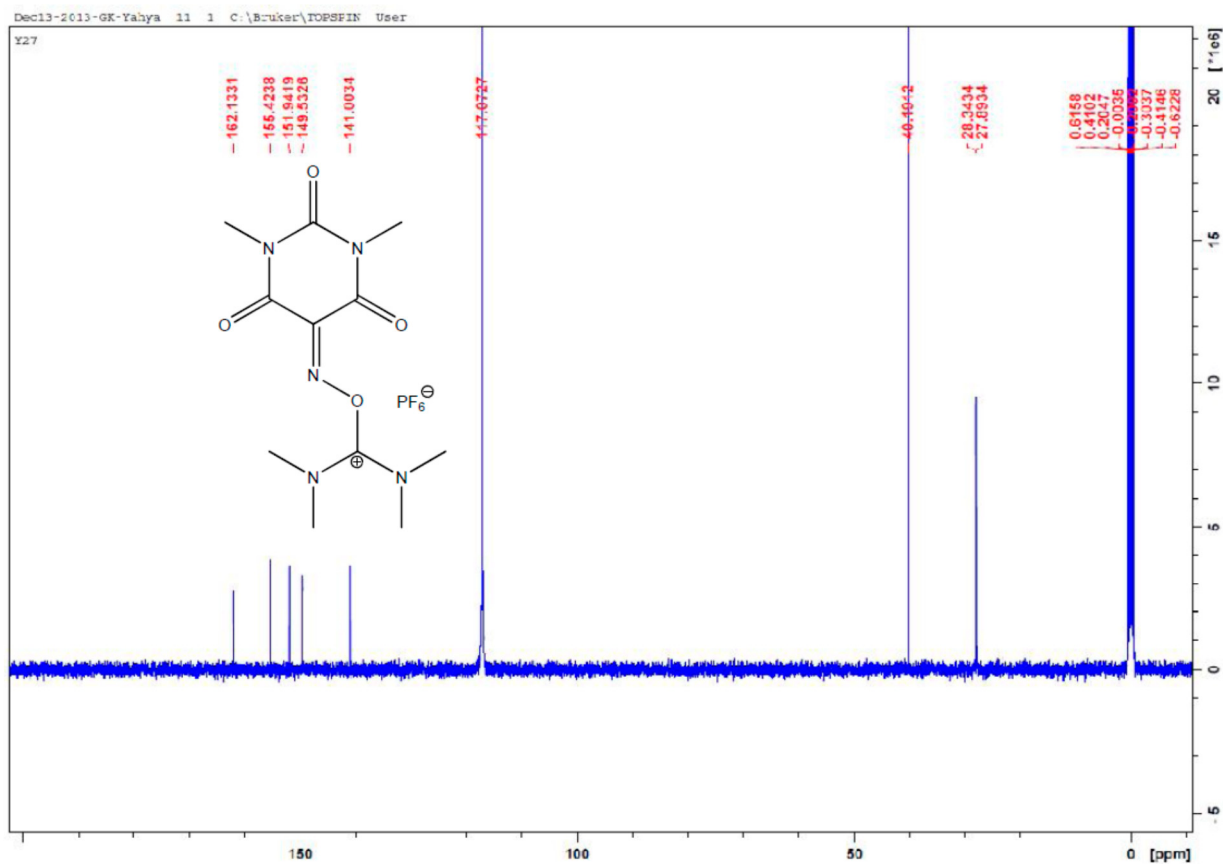
Figure S3. ^{13}C -NMR of TOMBU.

Figure S4. HRMS of TOMBU.

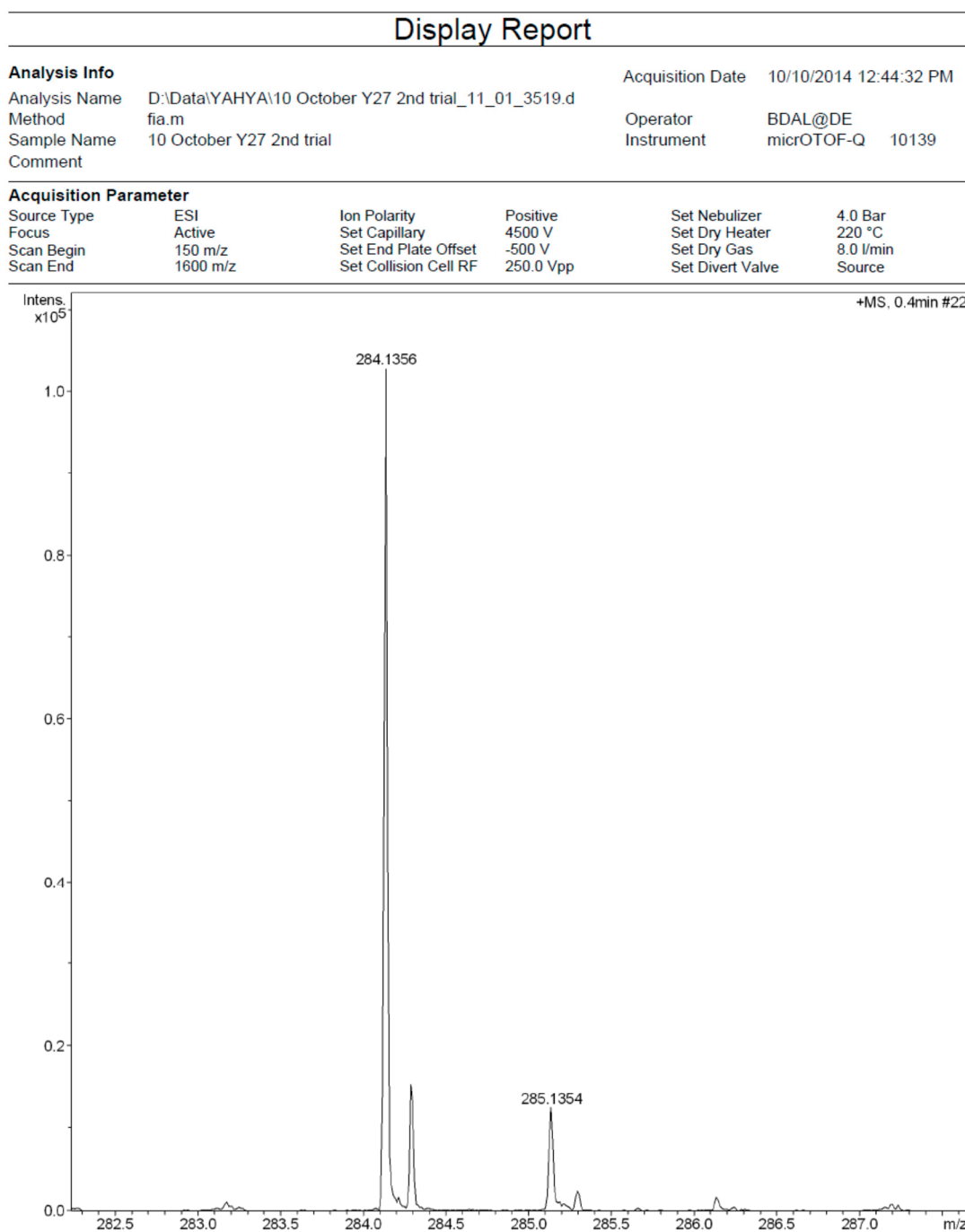


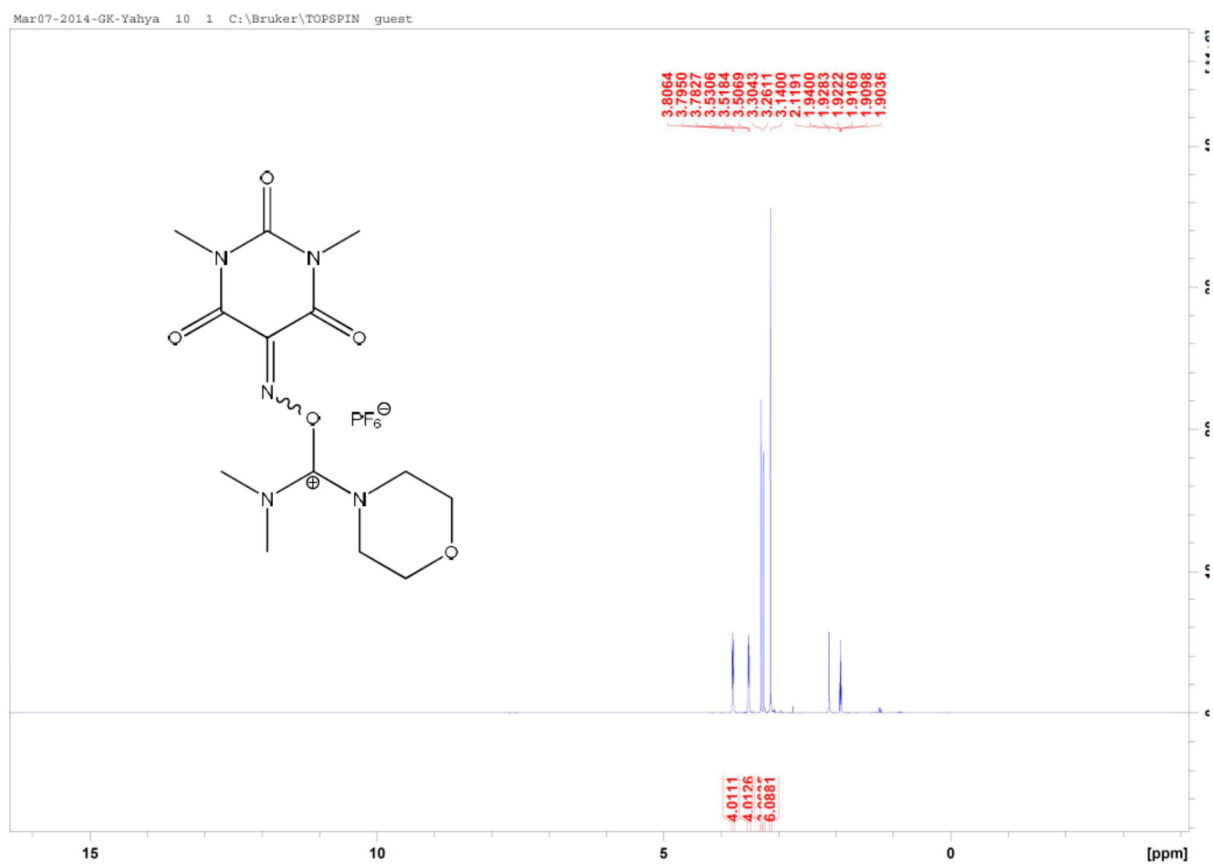
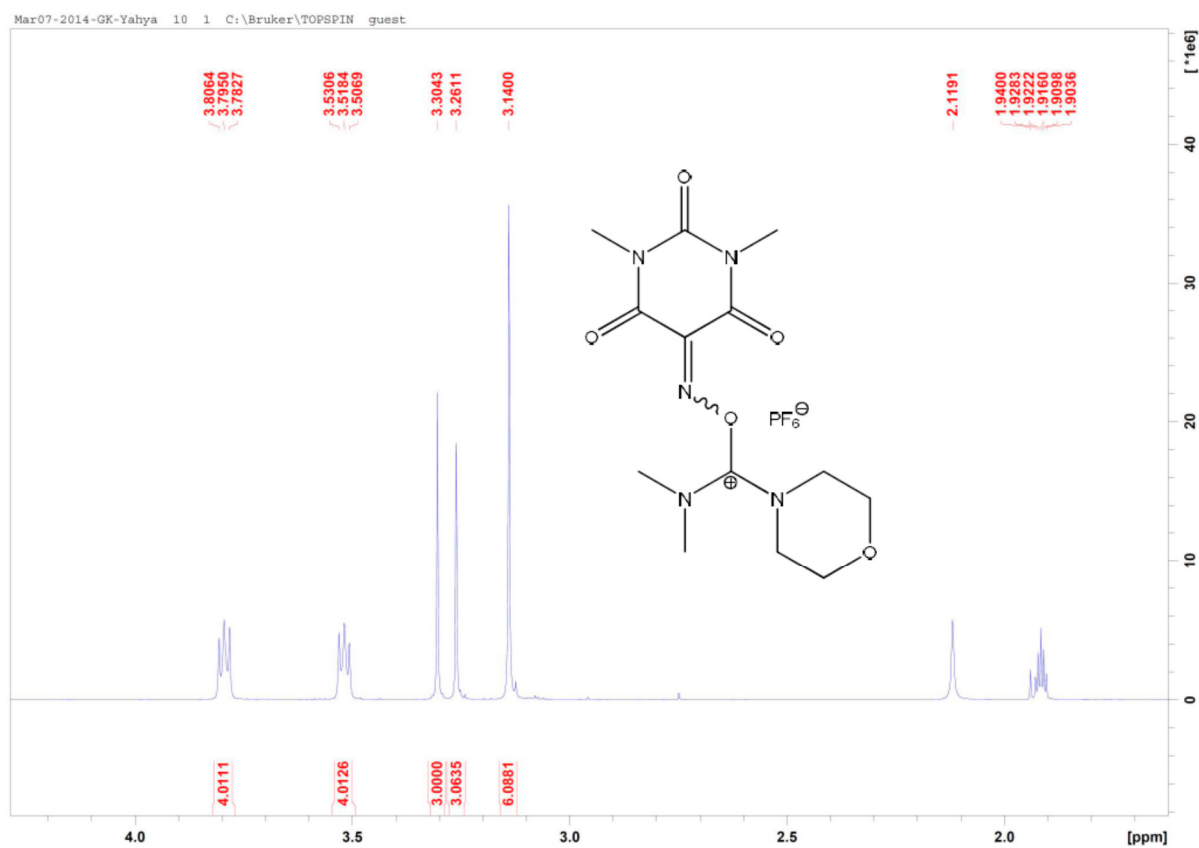
Figure S5. ^1H -NMR of COMBU.Figure S6. ^1H -NMR of COMBU (Expansion of S5).

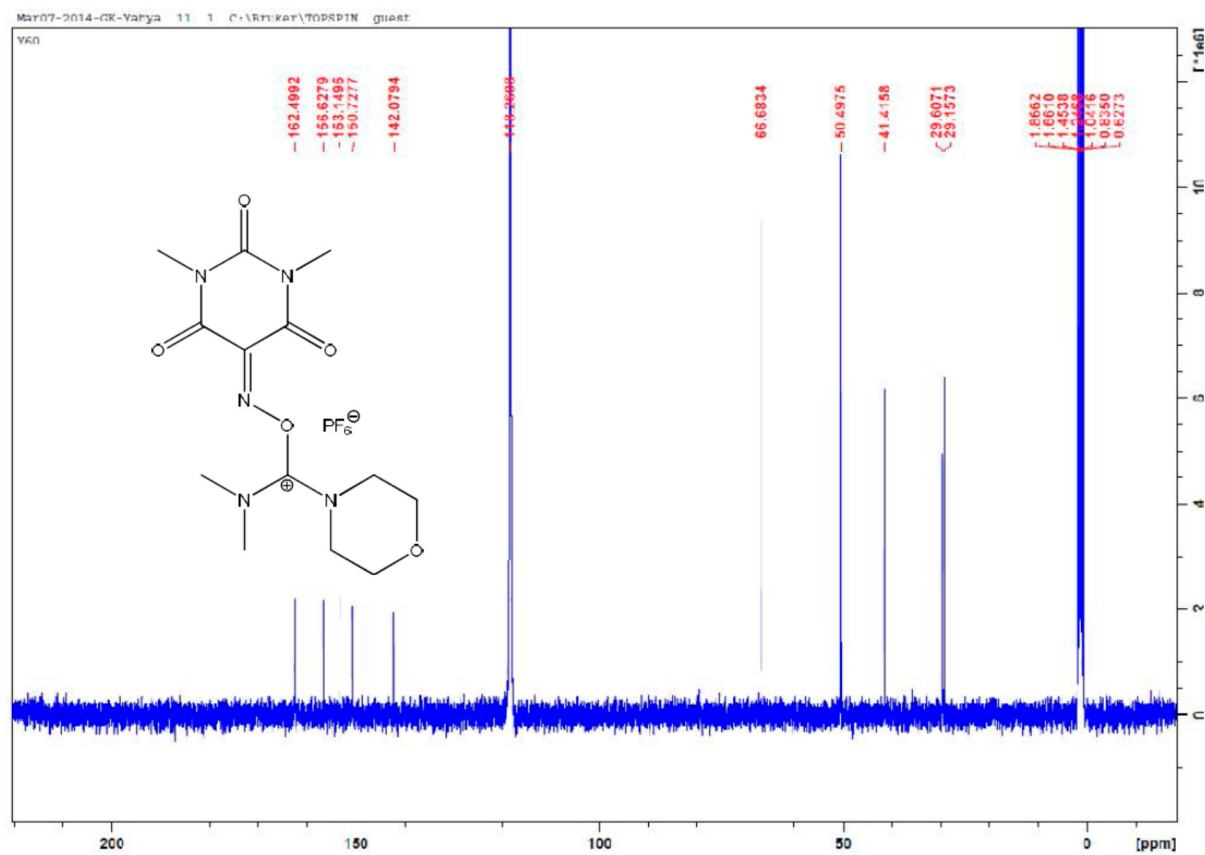
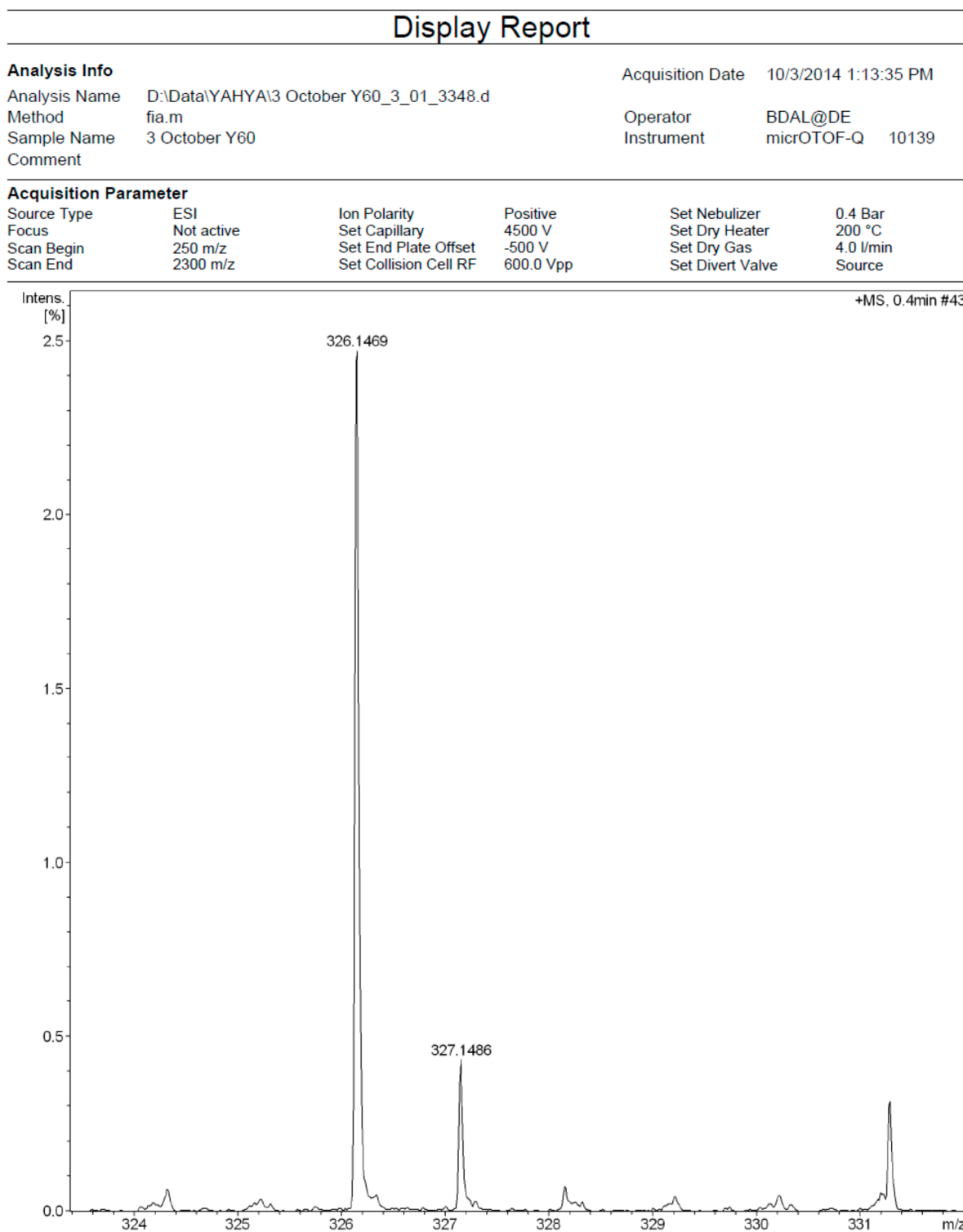
Figure S7. ^{13}C -NMR of COMBU.

Figure S8. HRMS of COMBU.



S9-S24 HPLC Analyses

1-Z-Phg-Pro-NH₂ model.

Figure S9. HBTU.

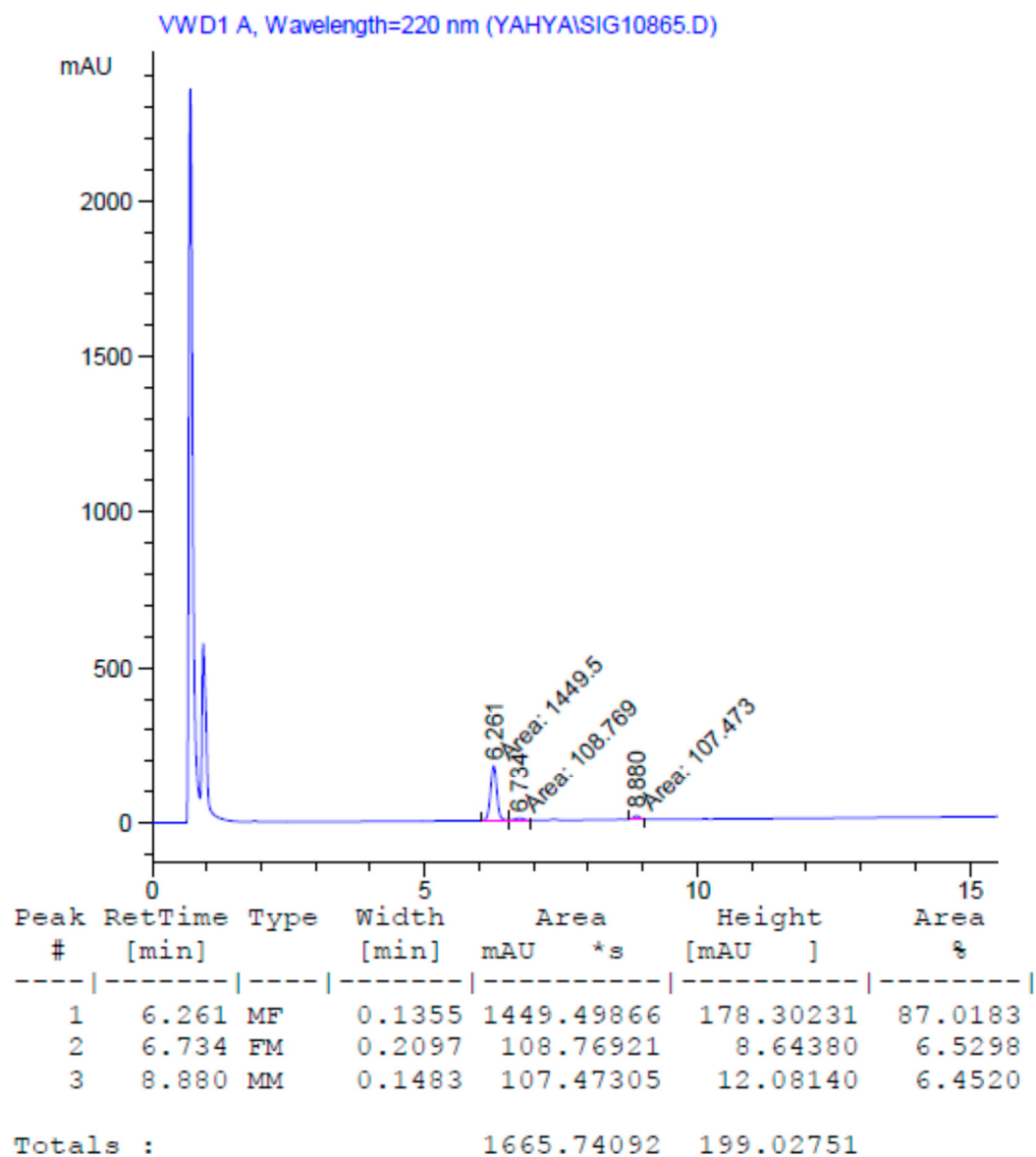


Figure S10. HATU.

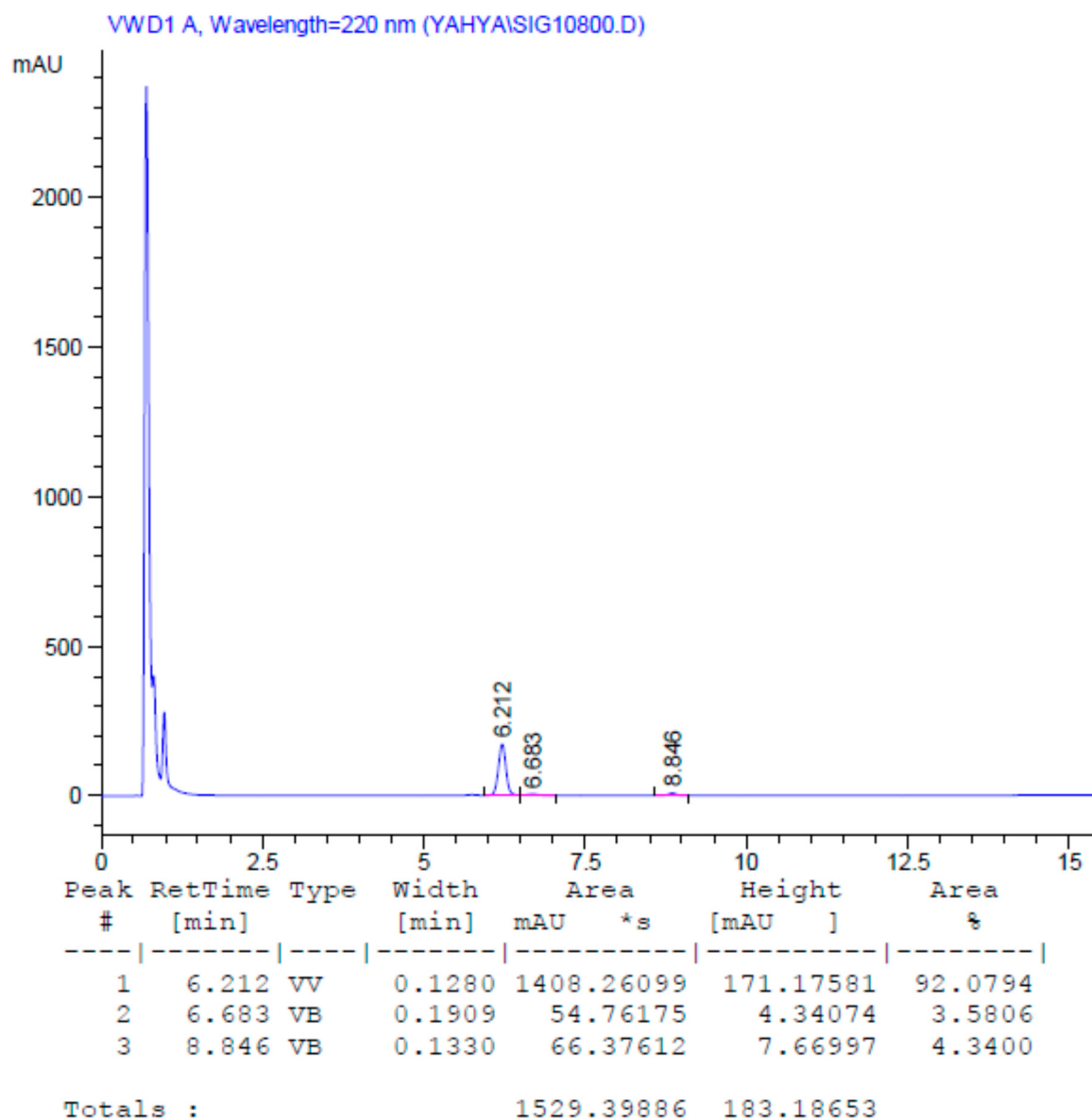


Figure S11. COMU.

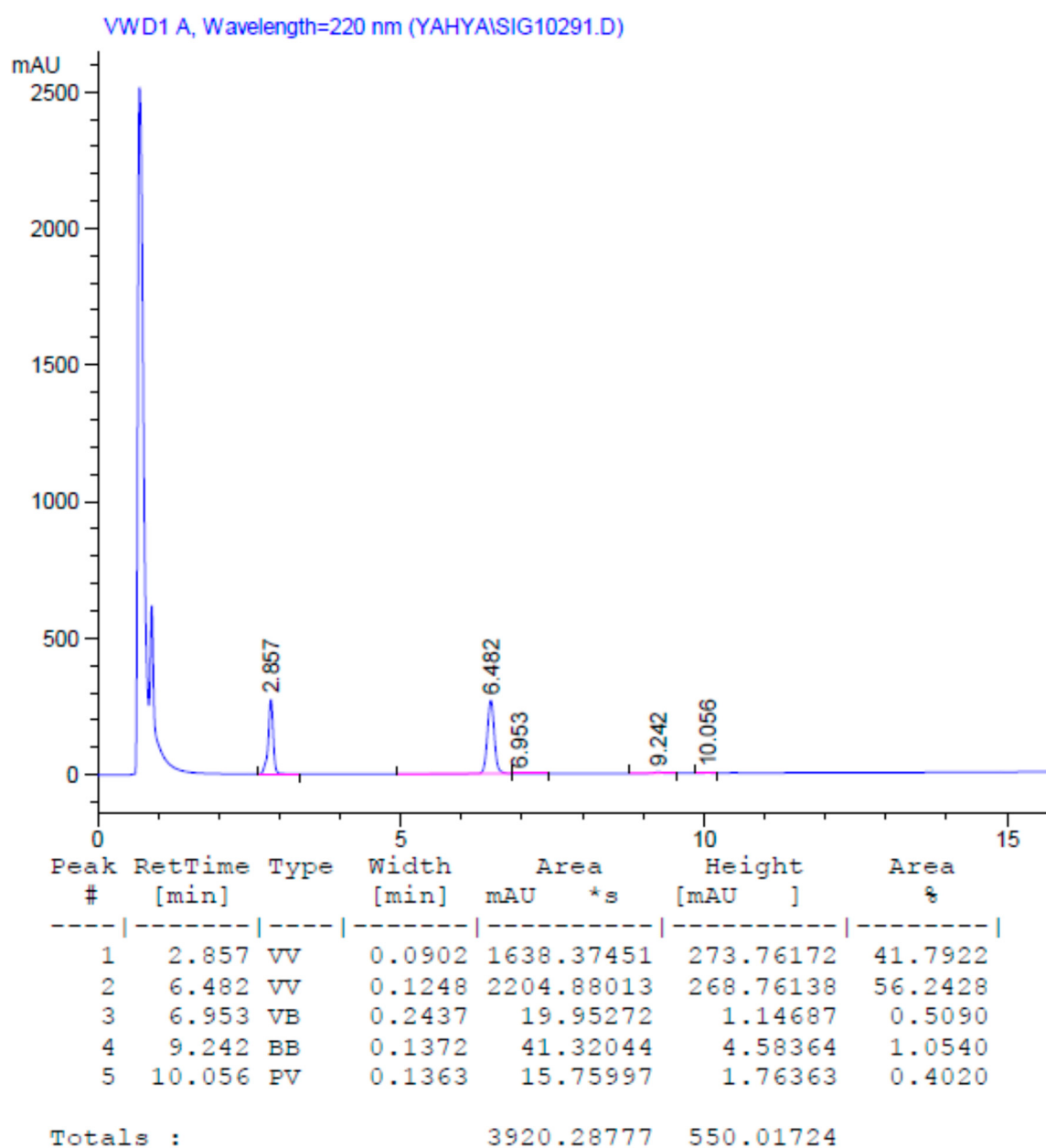


Figure S12. TOMBU.

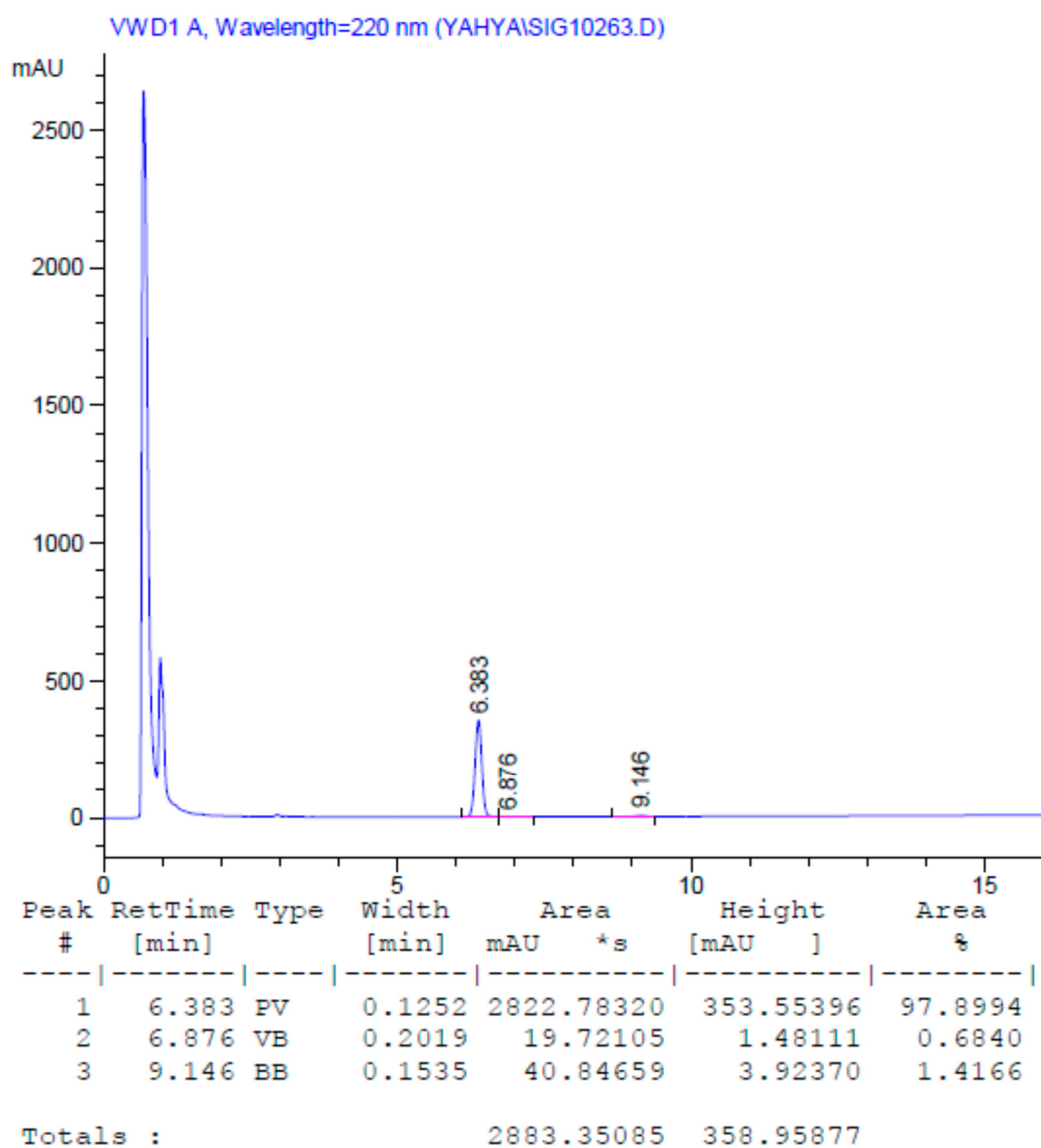
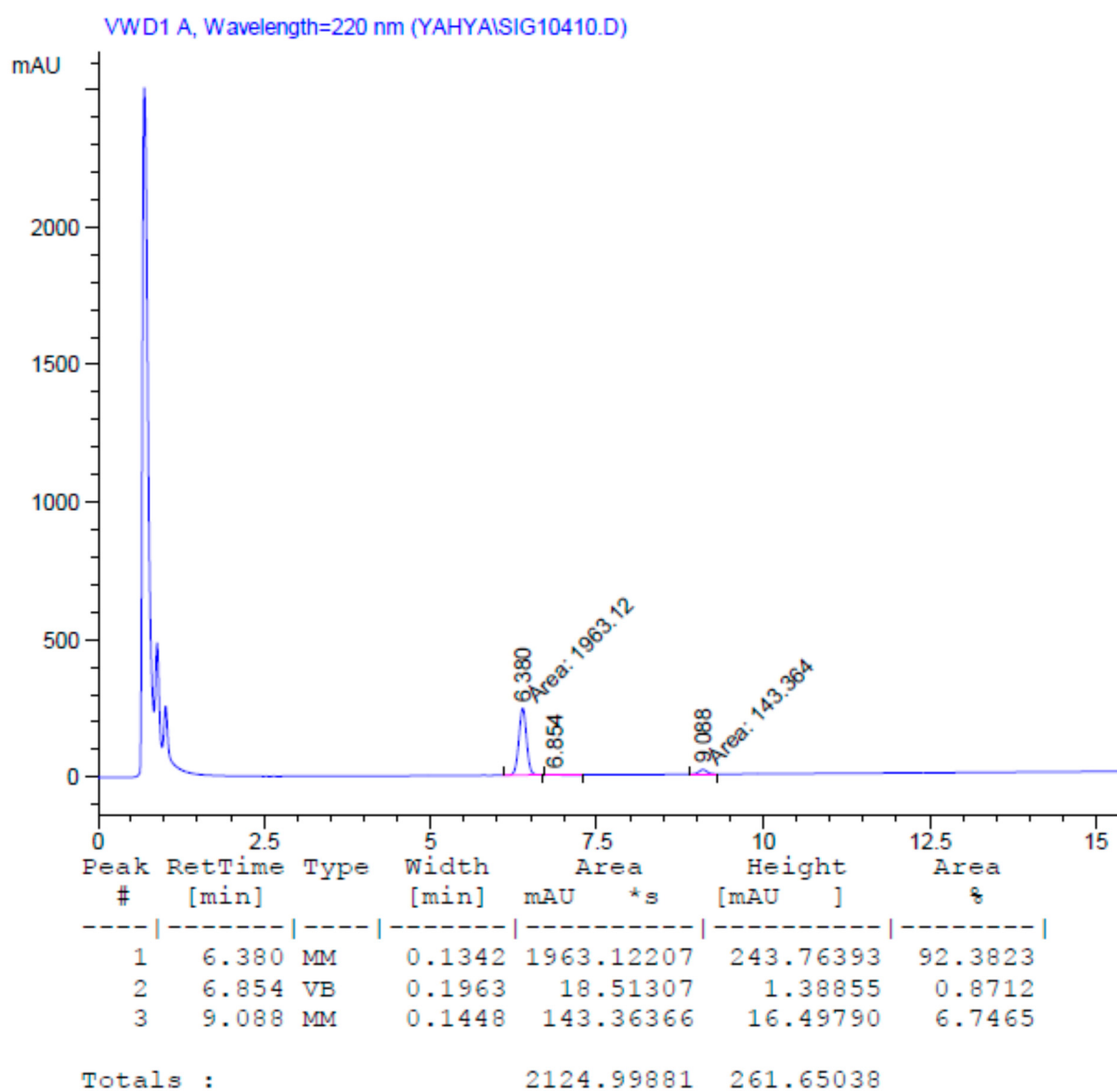


Figure S13. COMBU.



2-Z-Phe-Val-Pro-NH₂ model

Figure S14. HBTU.

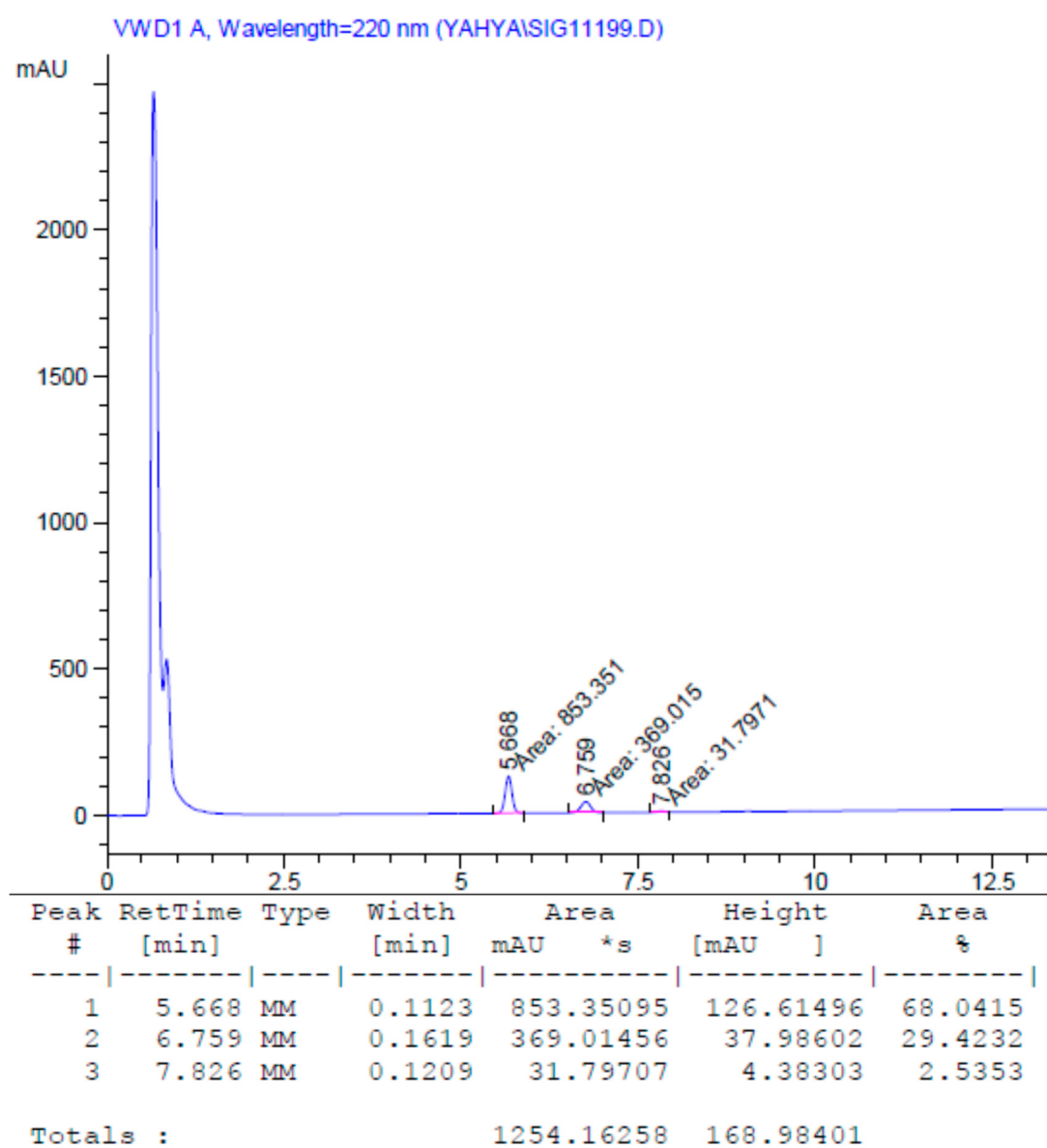


Figure S15. HATU.

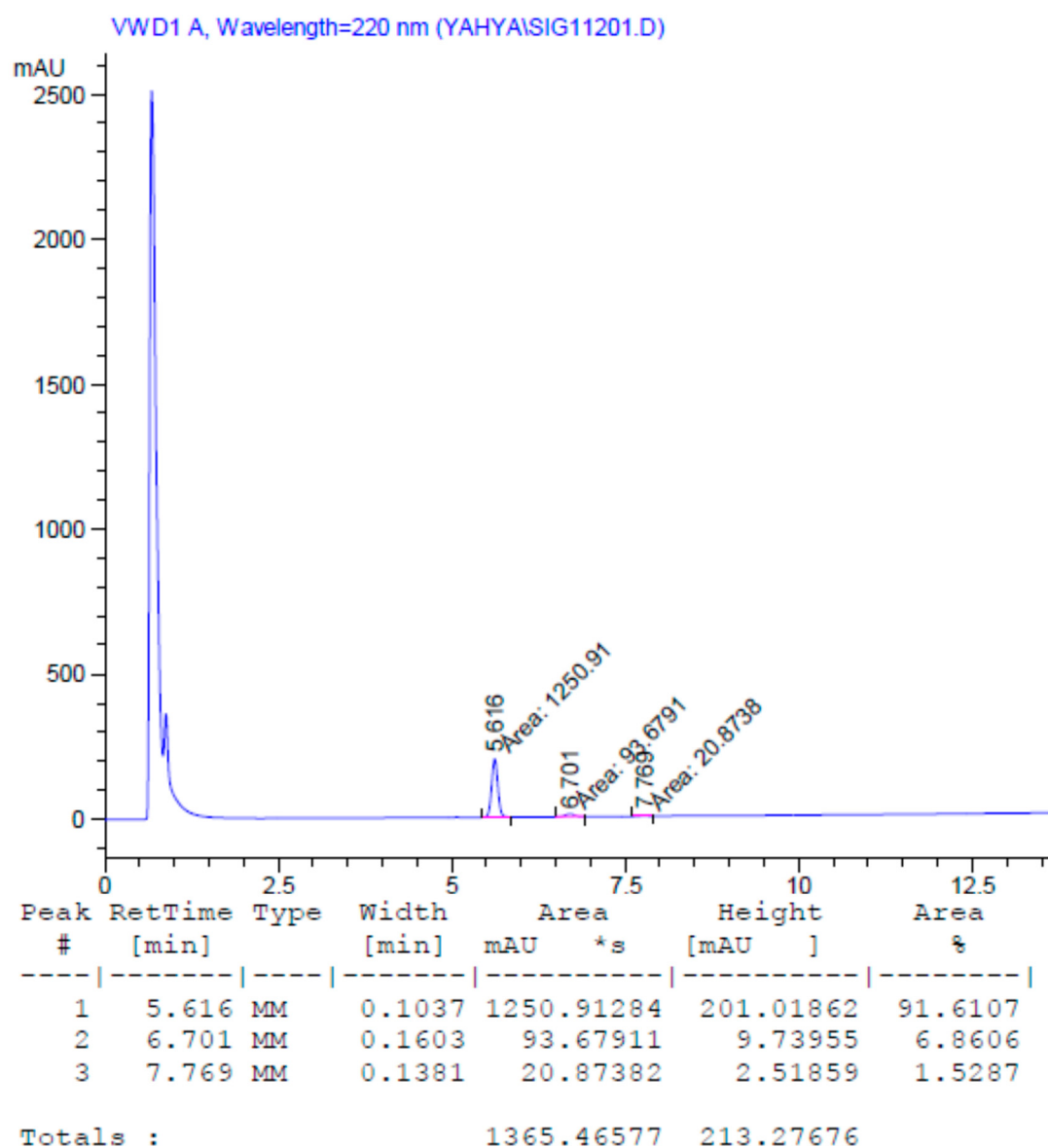


Figure S16. COMU.

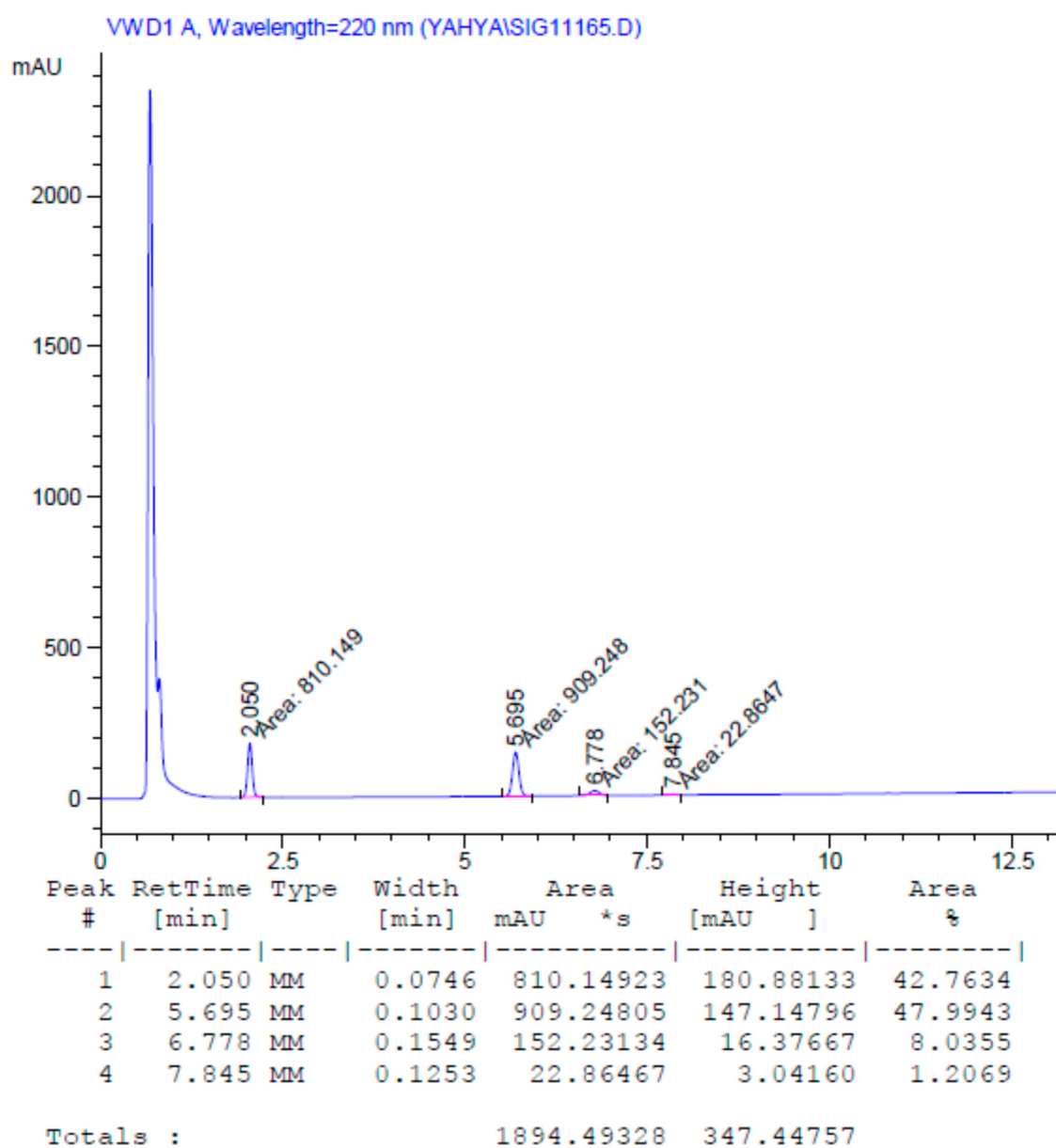


Figure S17. TOMBU.

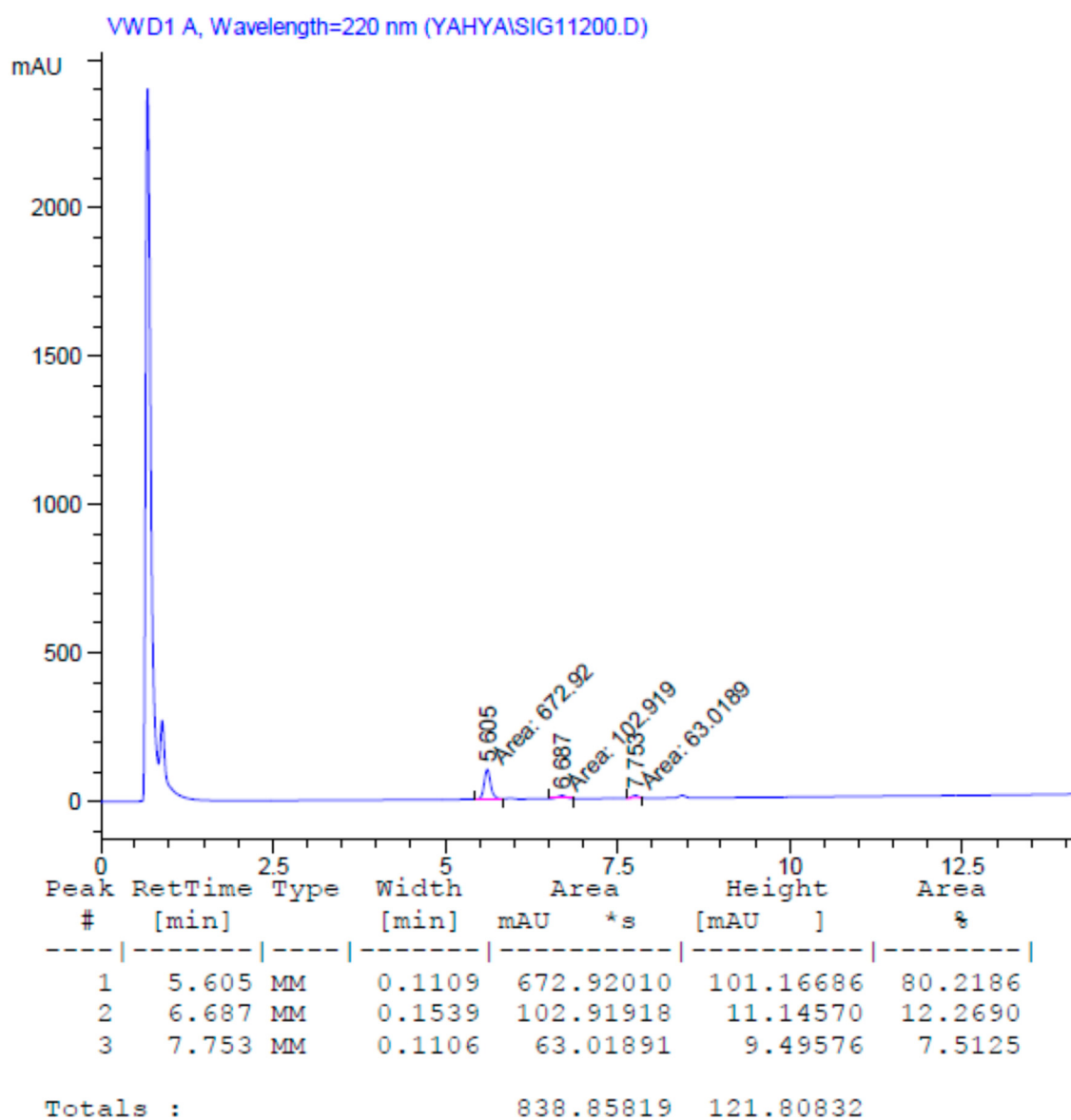
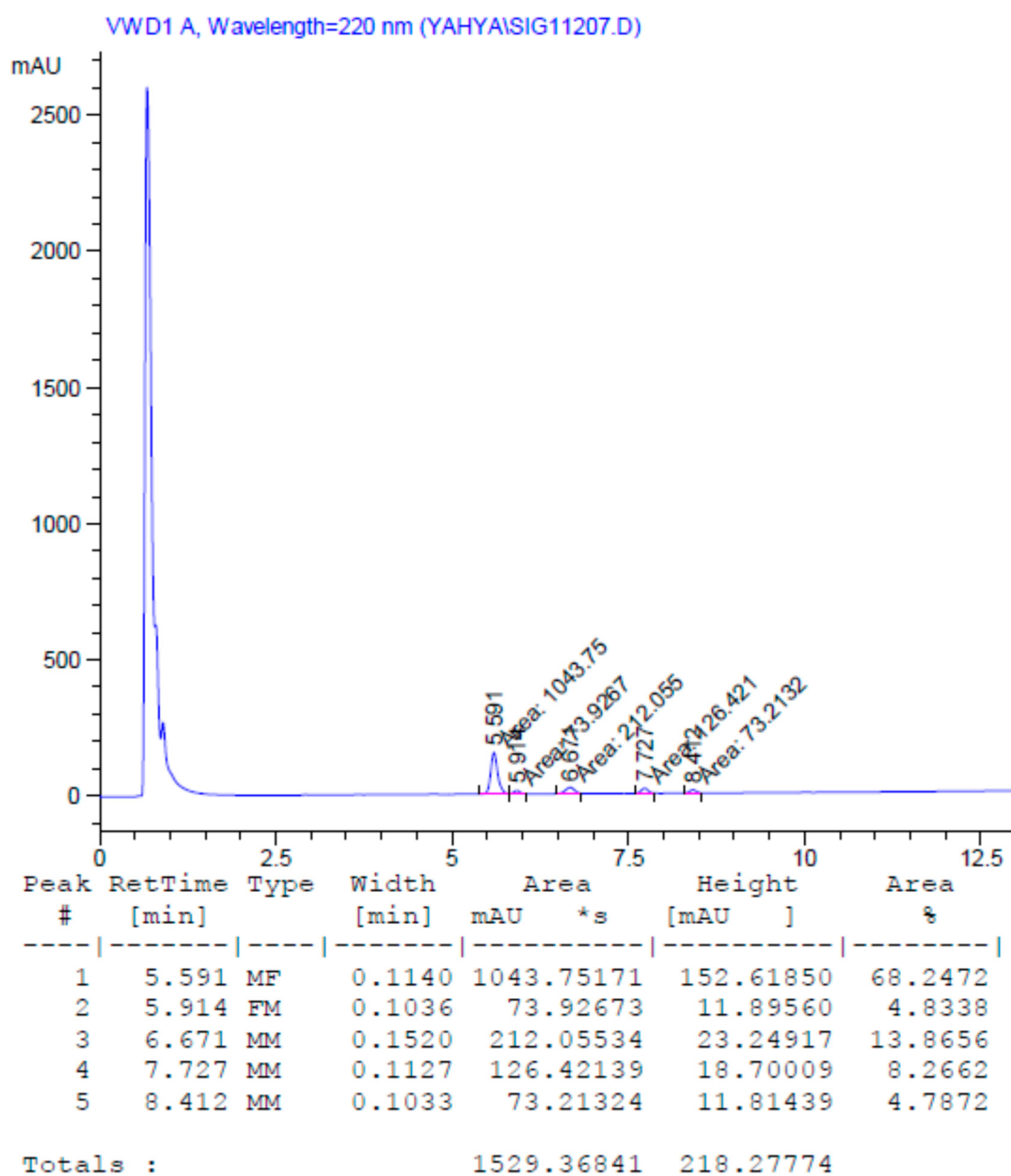


Figure S18. COMBU.



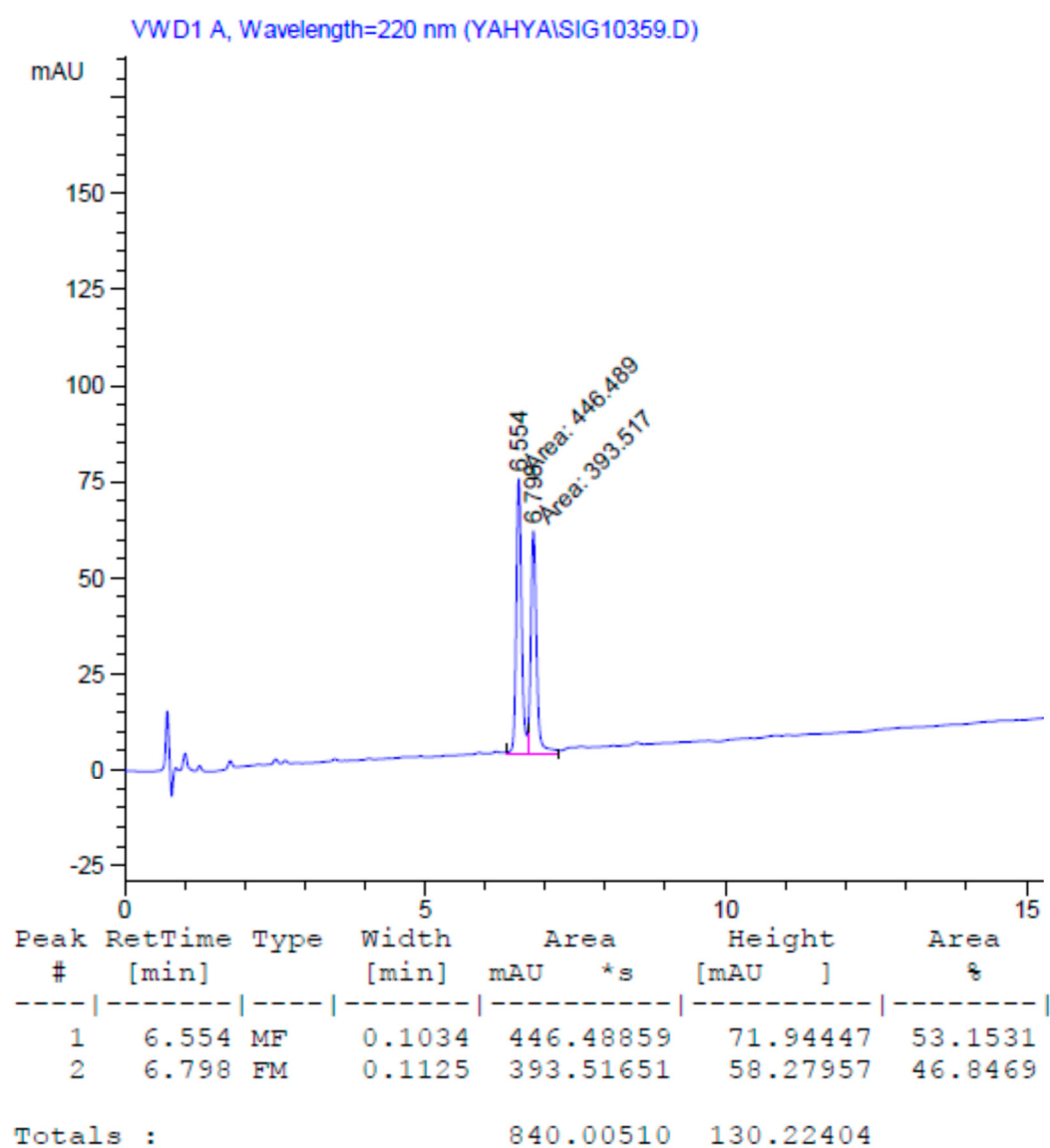
3-H-Tyr-Aib-Aib-Phe-Leu-NH₂ model**Figure S19.** HBTU.

Figure S20. HATU.

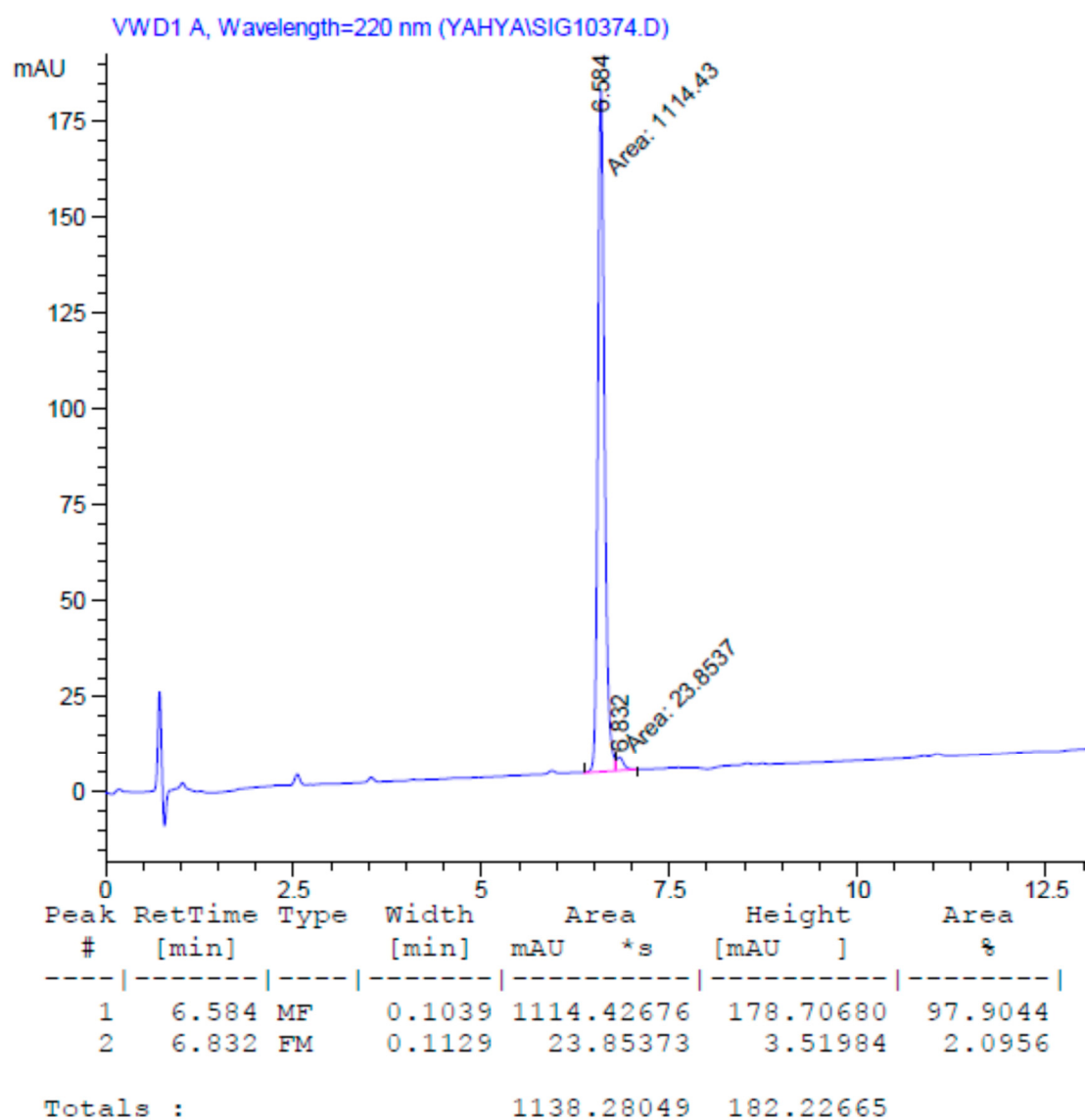


Figure S21. COMU.

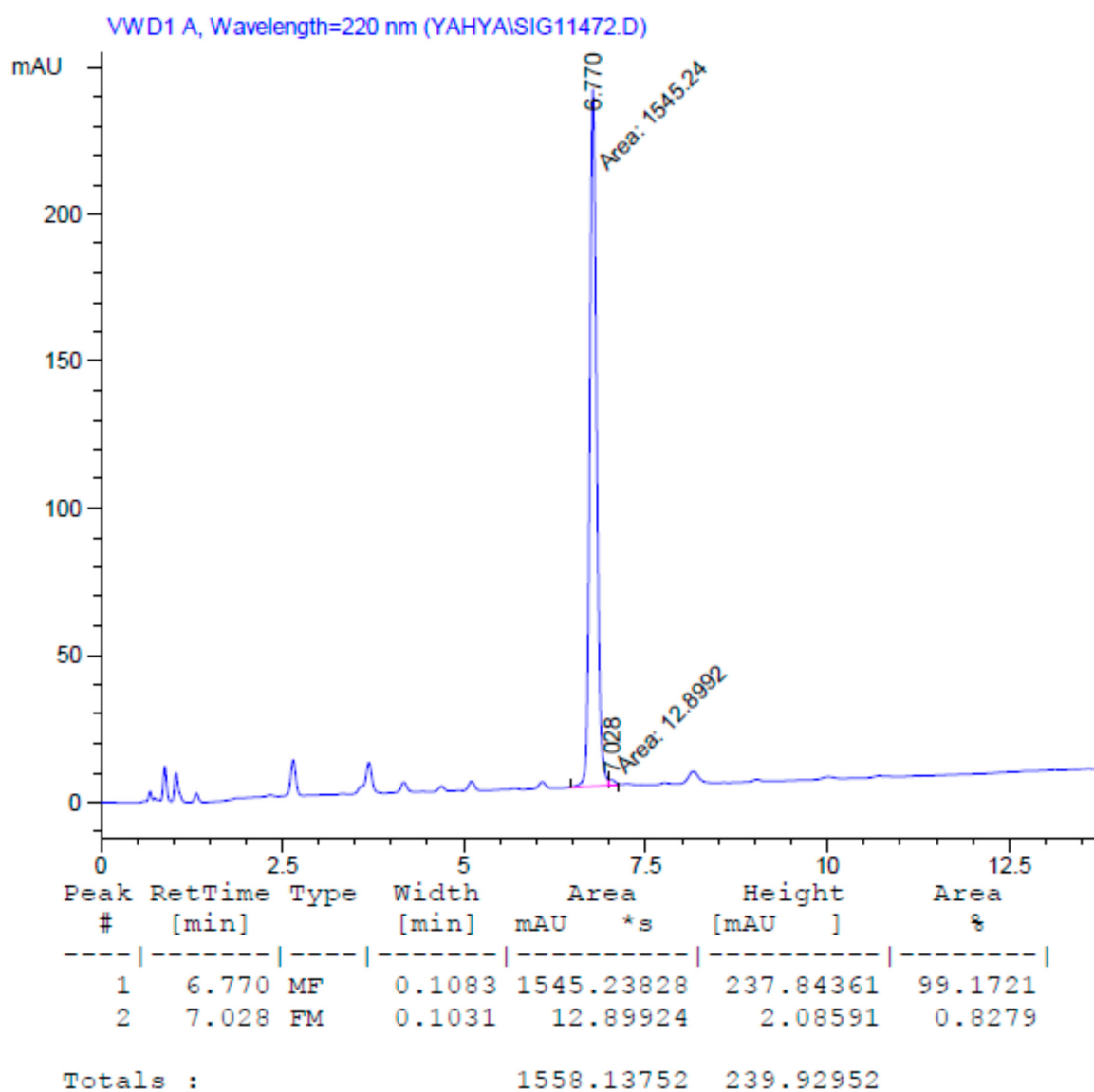


Figure S22. TOMBU.

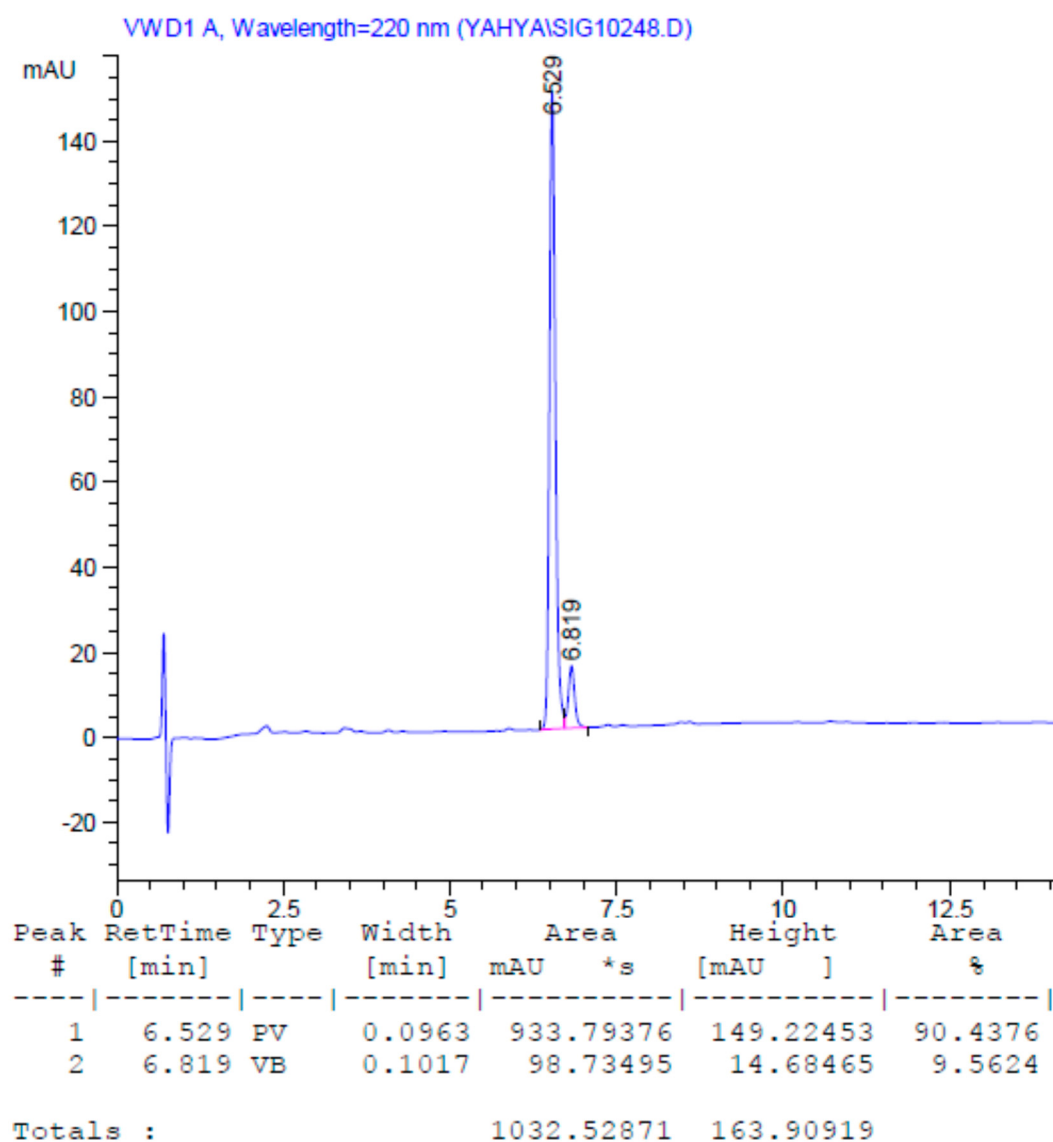


Figure S23. COMBU.

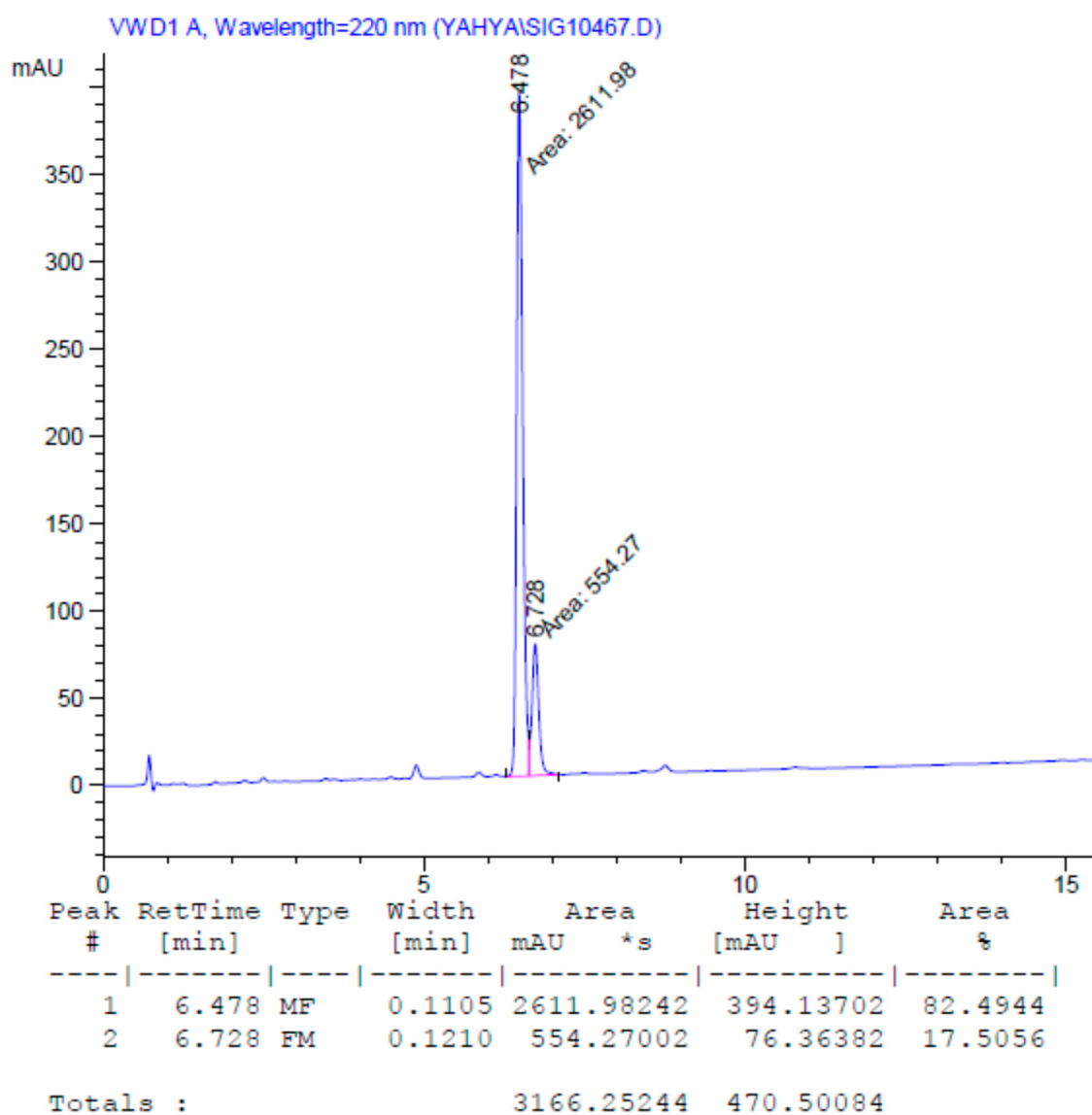


Figure S24. COMBU (Fmoc-amino acids were preactivated with only 1 equiv. DIEA for 15–30 s, with addition of another 1 equiv. onto the resin after the first addition).

