

Supporting Information

Enzymatic synthesis of vitexin glycosides and its activity

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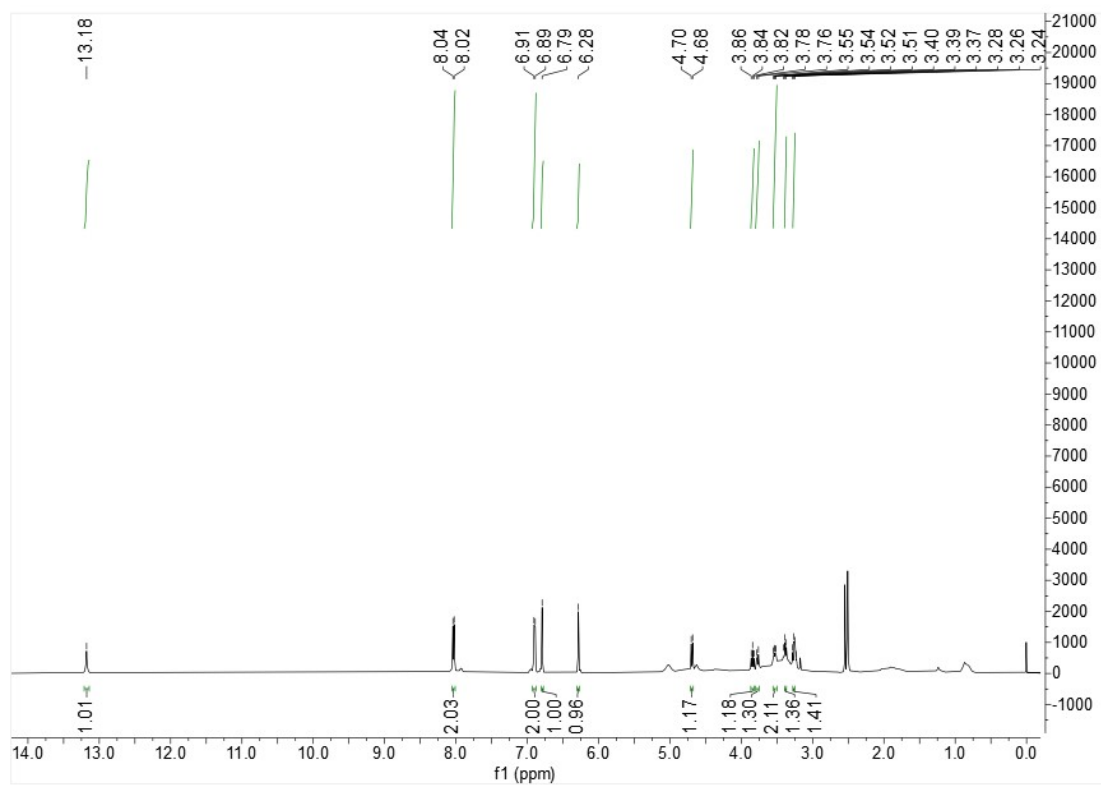


Figure S1. The ¹H NMR spectrum of vitexin in DMSO-d₆ (600 MHz).

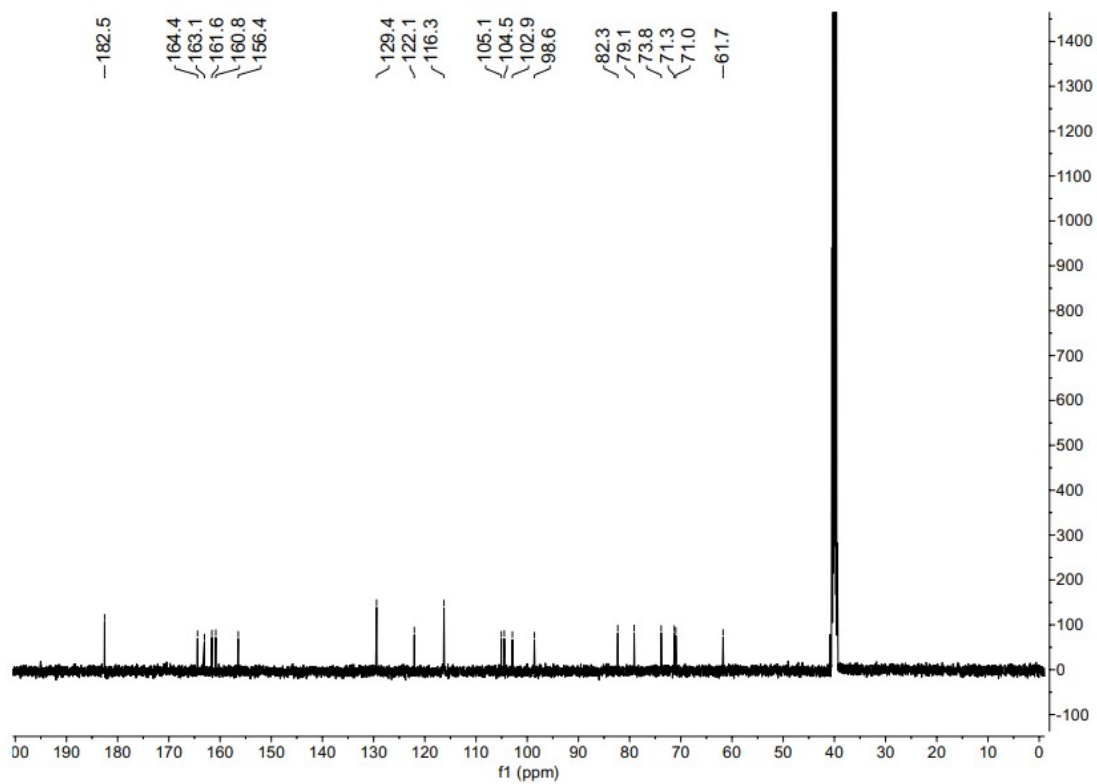


Figure S2. The ^{13}C NMR spectrum of vitexin in $\text{DMSO-}d_6$ (600 MHz).

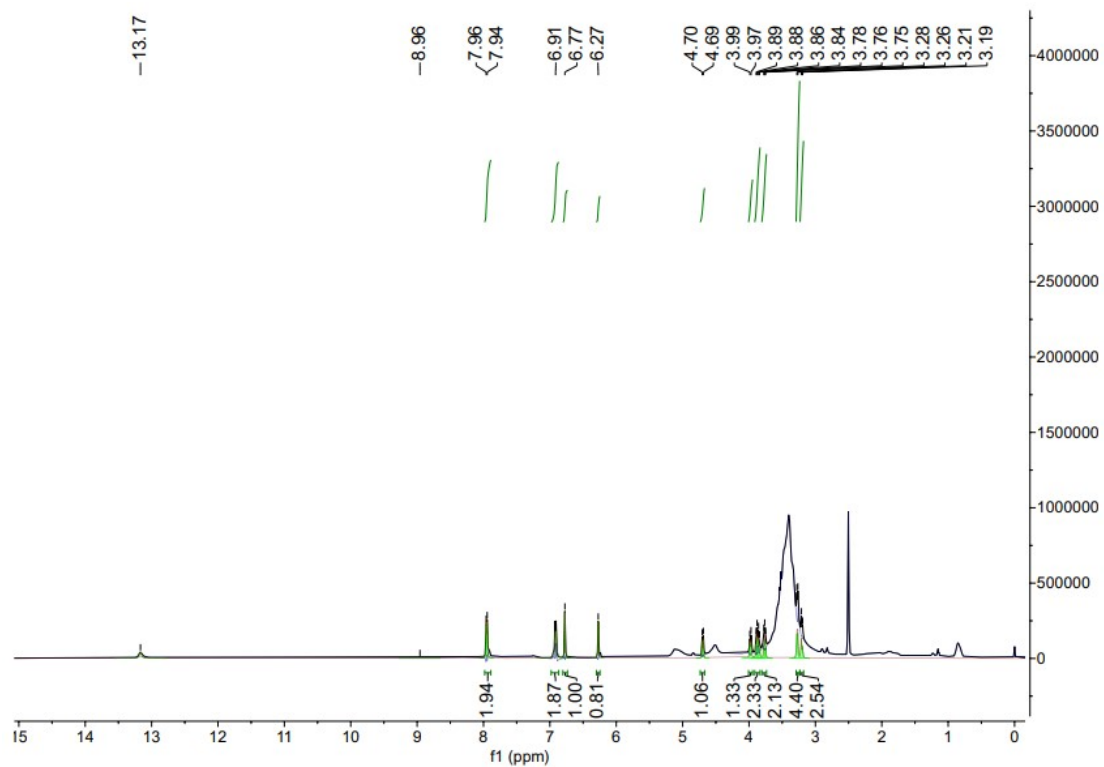


Figure S3. The ¹H NMR spectrum of β-D-fructofuranosyl-(2→6)-vitexin in DMSO-*d*₆ (600 MHz).

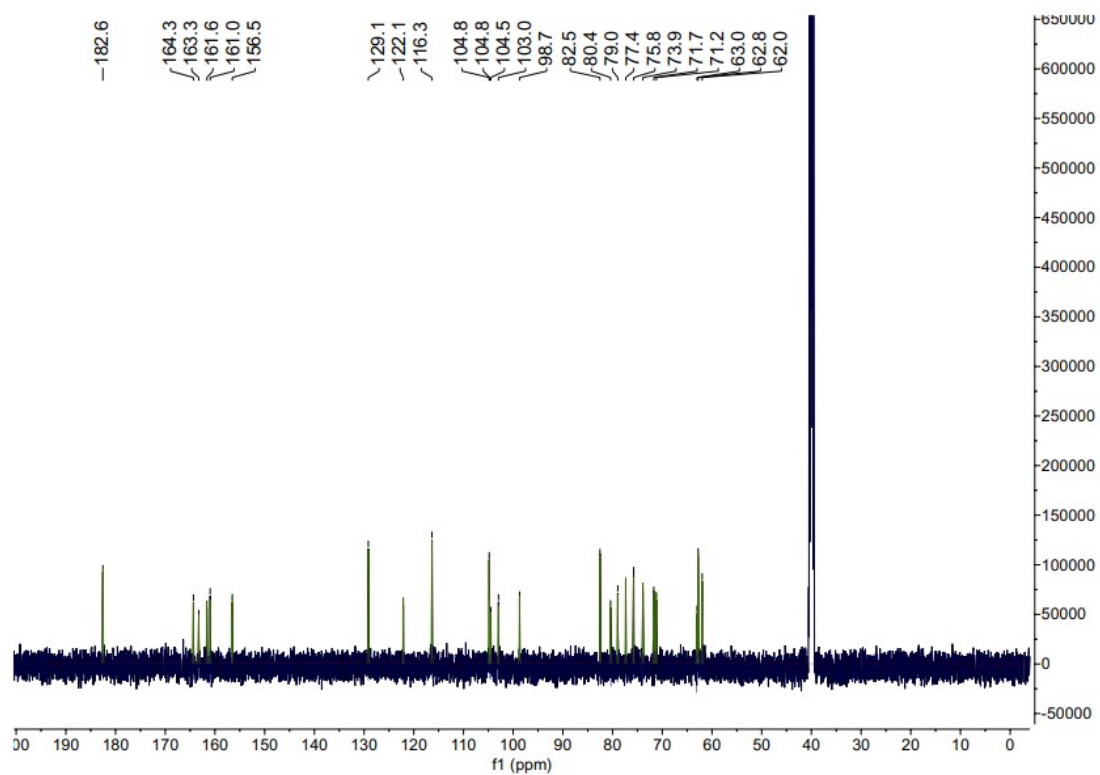


Figure S4. The ¹³C NMR spectrum of β-D-fructofuranosyl-(2→6)-vitexin in DMSO-*d*₆ (600 MHz).

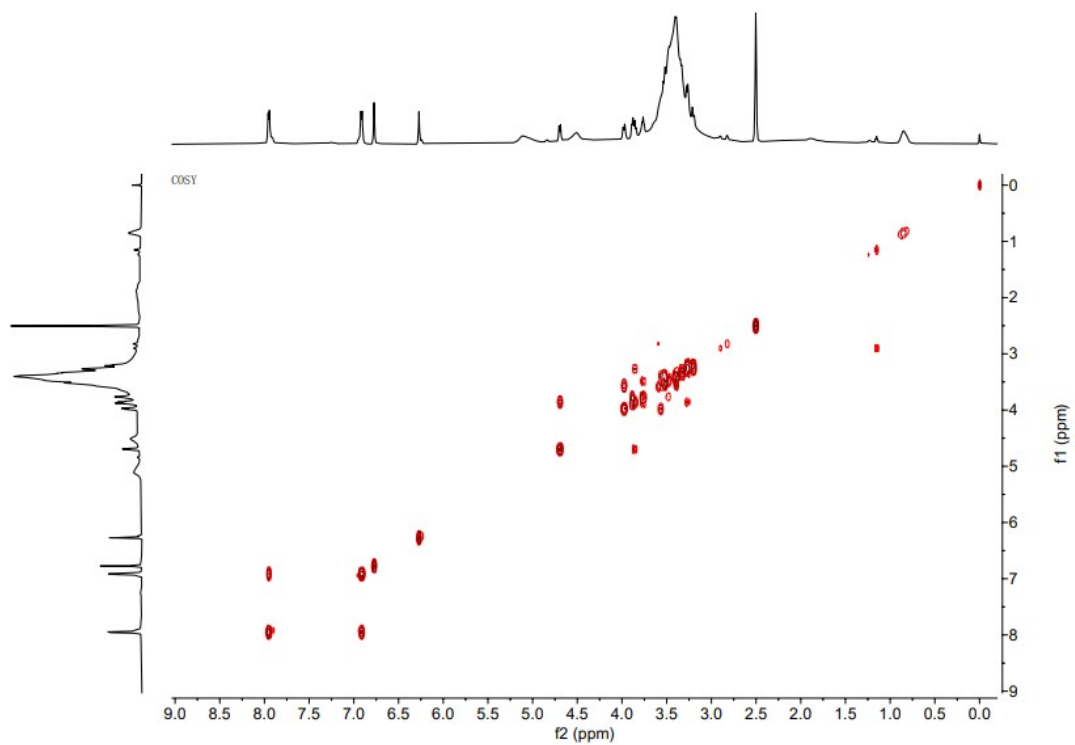


Figure S5. The COSY spectrum of β -D-fructofuranosyl-(2 \rightarrow 6)-vitexin in DMSO- d_6 (600 MHz).

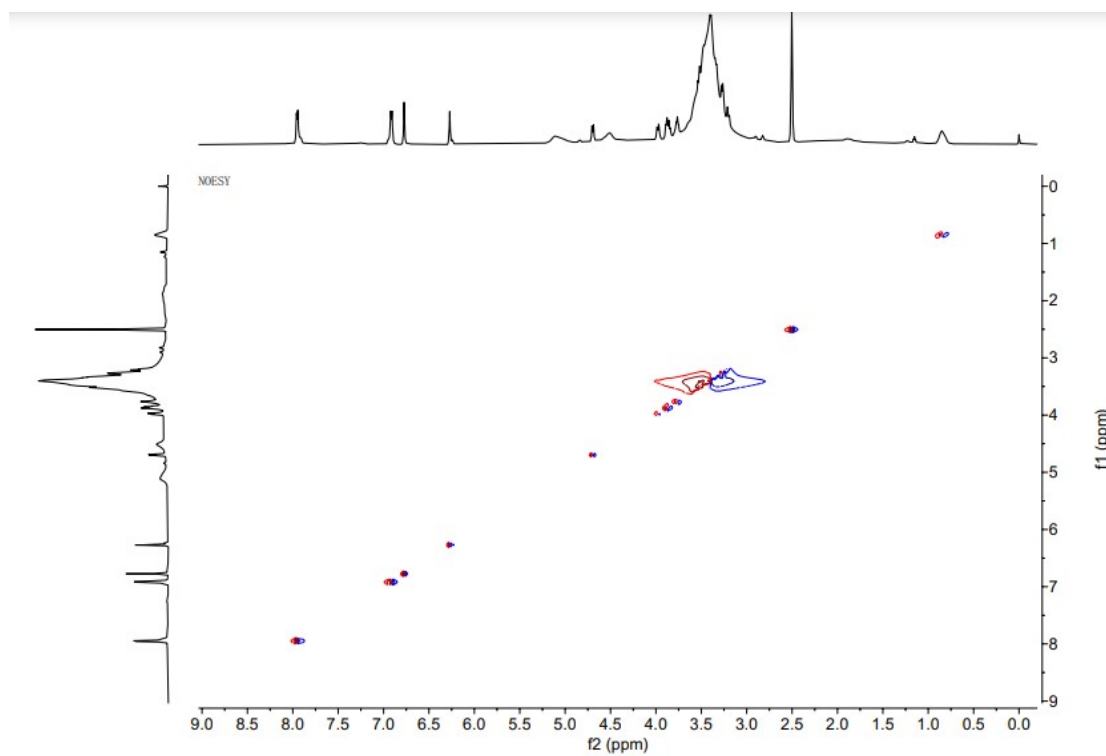


Figure S6. The NOESY spectrum of β -D-fructofuranosyl-(2 \rightarrow 6)-vitexin in DMSO-*d*₆ (600 MHz).

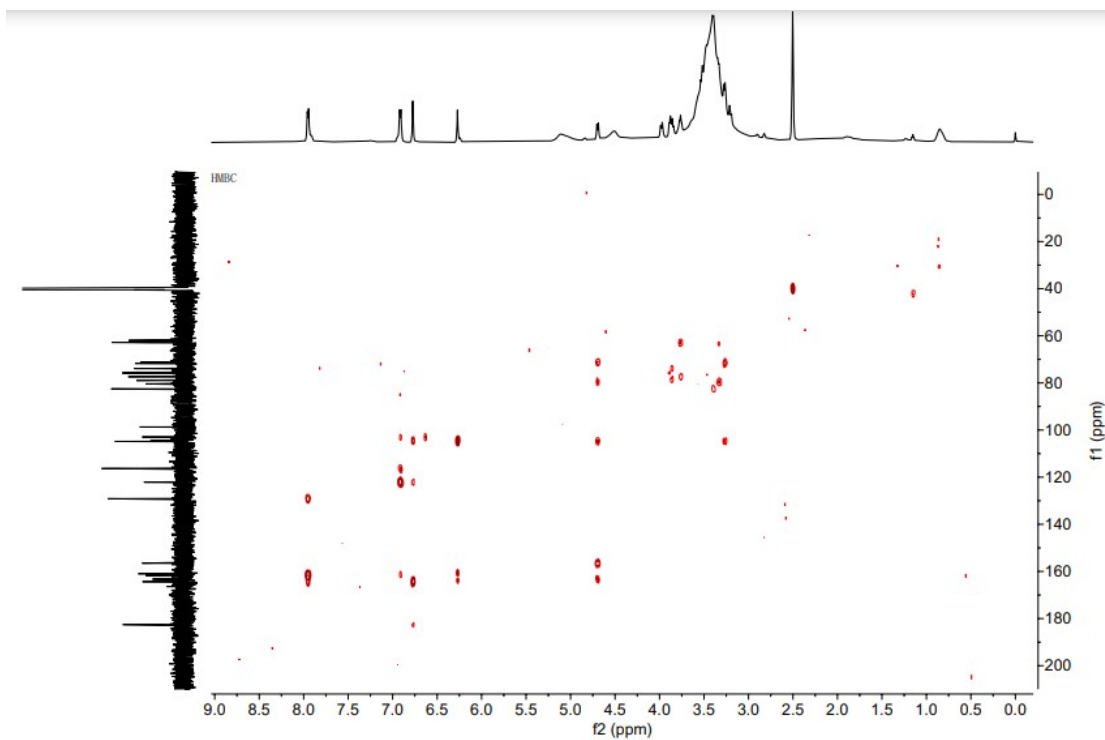


Figure S7. The HMBC spectrum of β -D-fructofuranosyl-(2 \rightarrow 6)-vitexin in DMSO- d_6 (600 MHz).

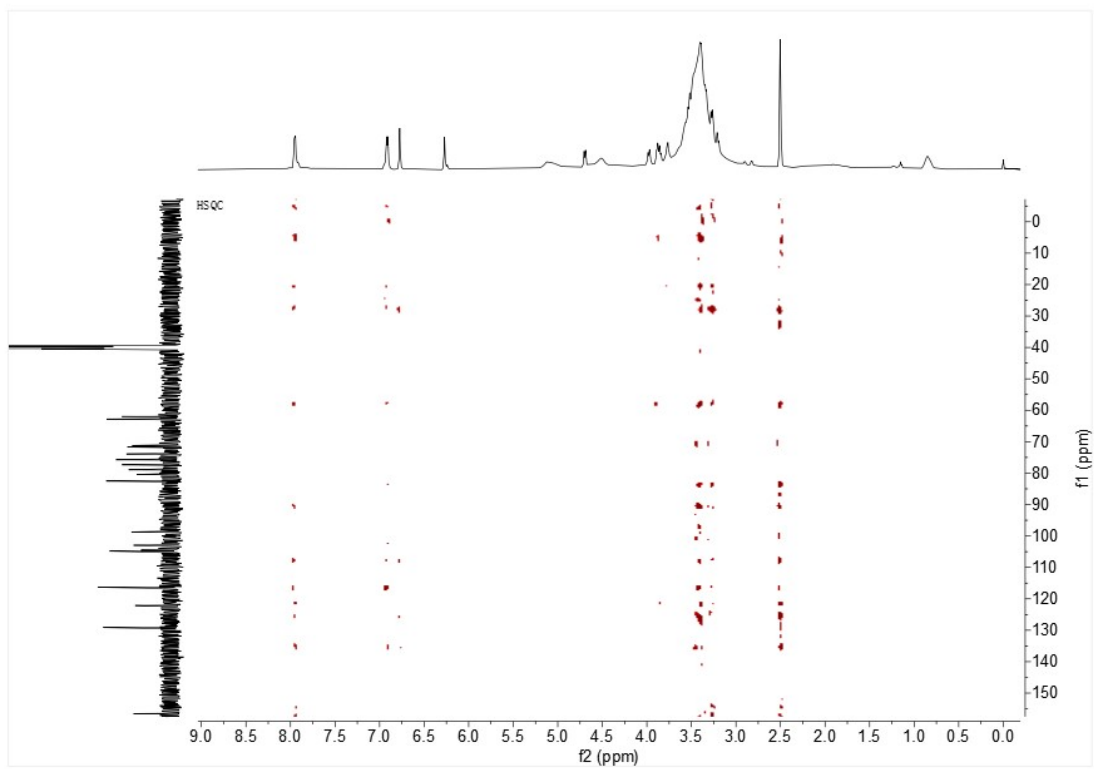


Figure S8. The HSQC spectrum of β -D-fructofuranosyl-(2 \rightarrow 6)-vitexin in DMSO- d_6 (600 MHz).

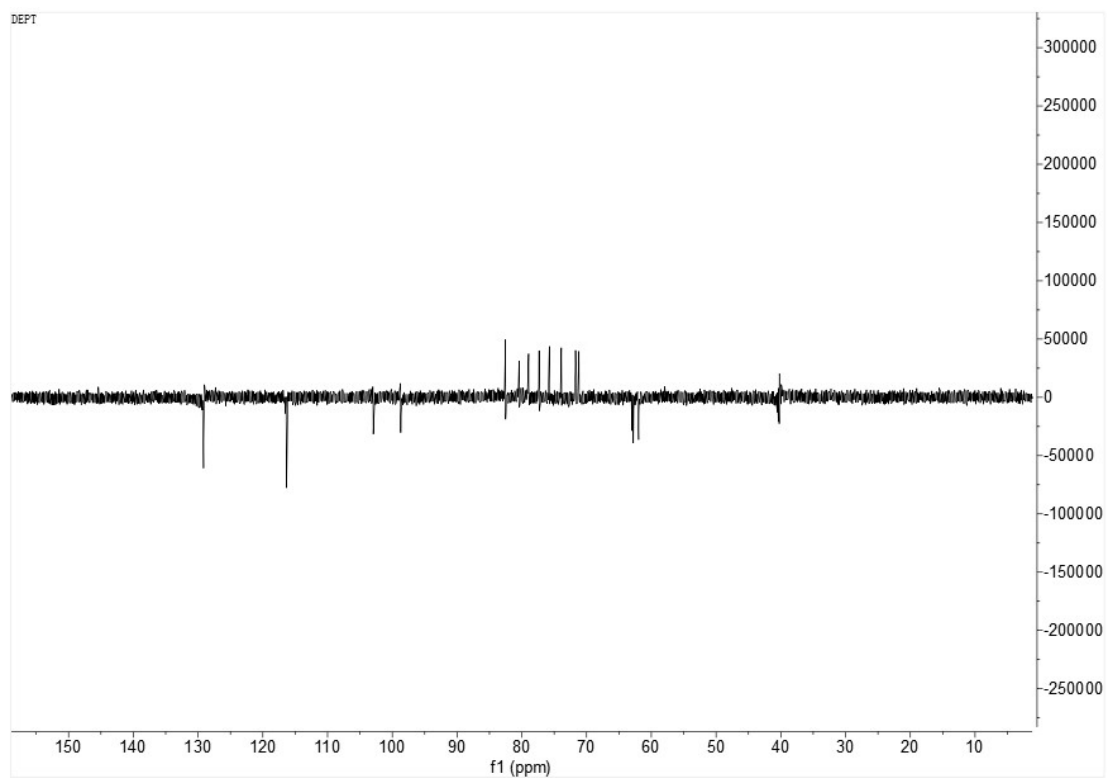


Figure S9. The DEPT spectrum of β -D-fructofuranosyl-(2 \rightarrow 6)-vitexin in DMSO- d_6 (600 MHz).

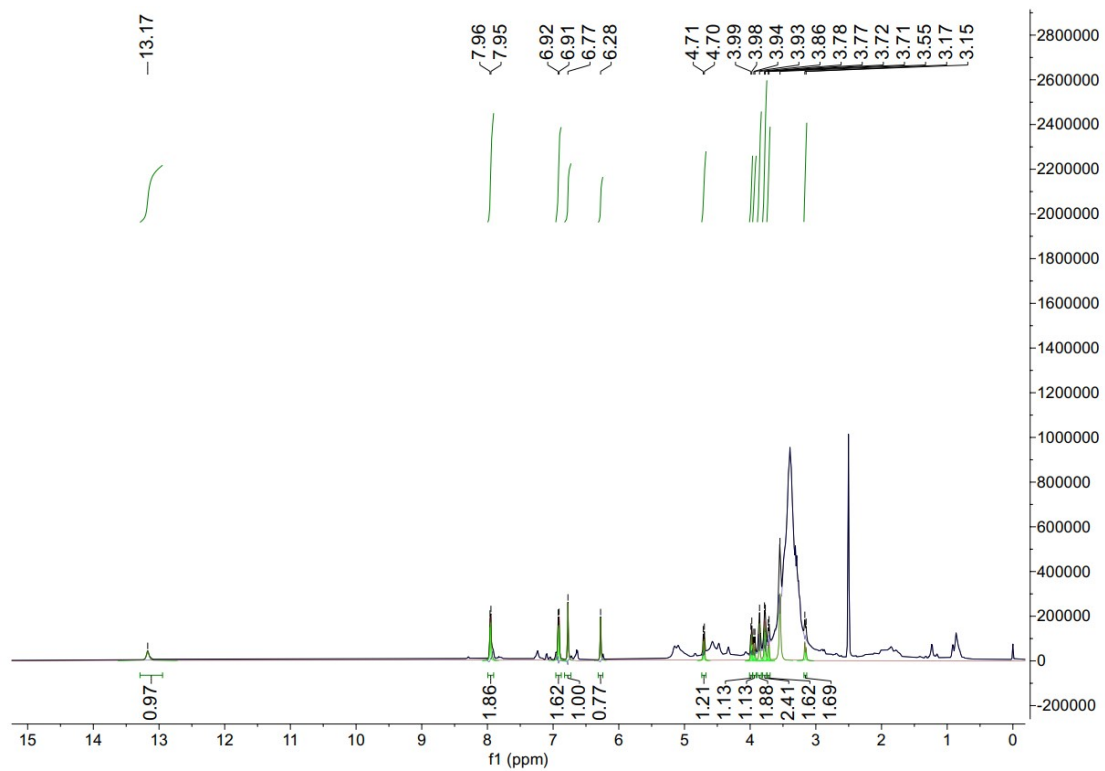


Figure S10. The ^1H NMR spectrum of $\beta\text{-D-difructofuranosyl-(2}\rightarrow\text{6)-vitexin}$ in $\text{DMSO-}d_6$ (600 MHz).

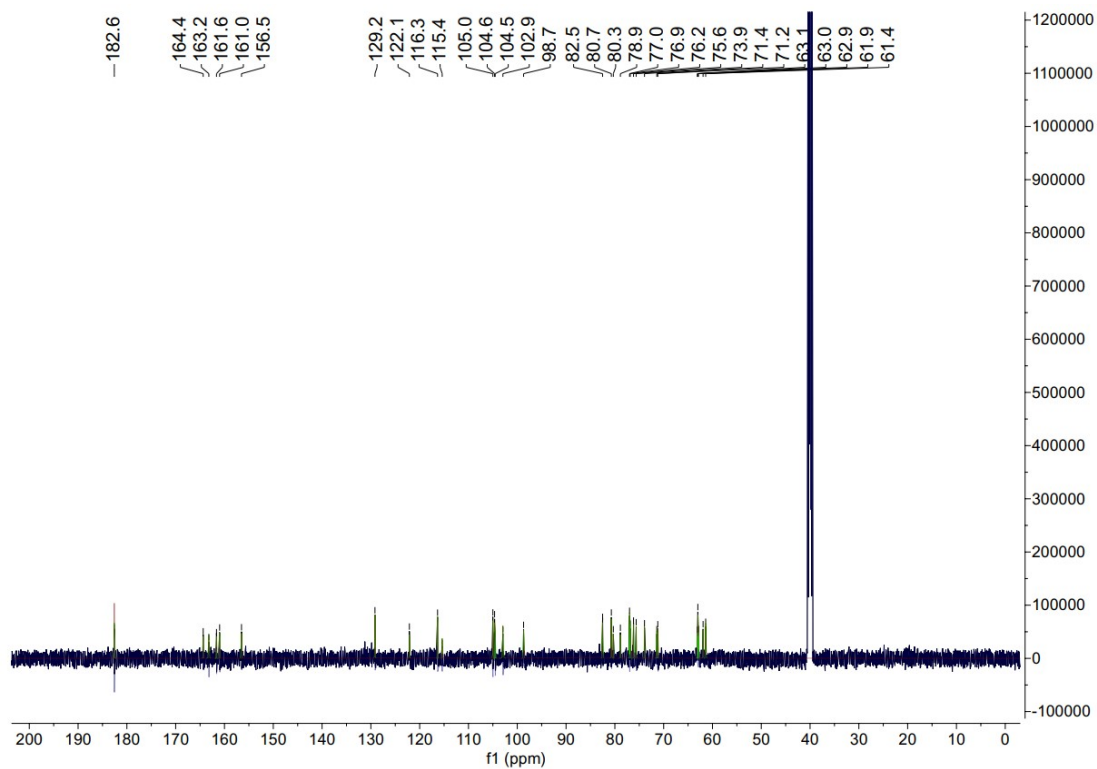


Figure S11. The ^{13}C NMR spectrum of β -D-difructofuranosyl-(2 \rightarrow 6)-vitexin in $\text{DMSO-}d_6$ (600 MHz).

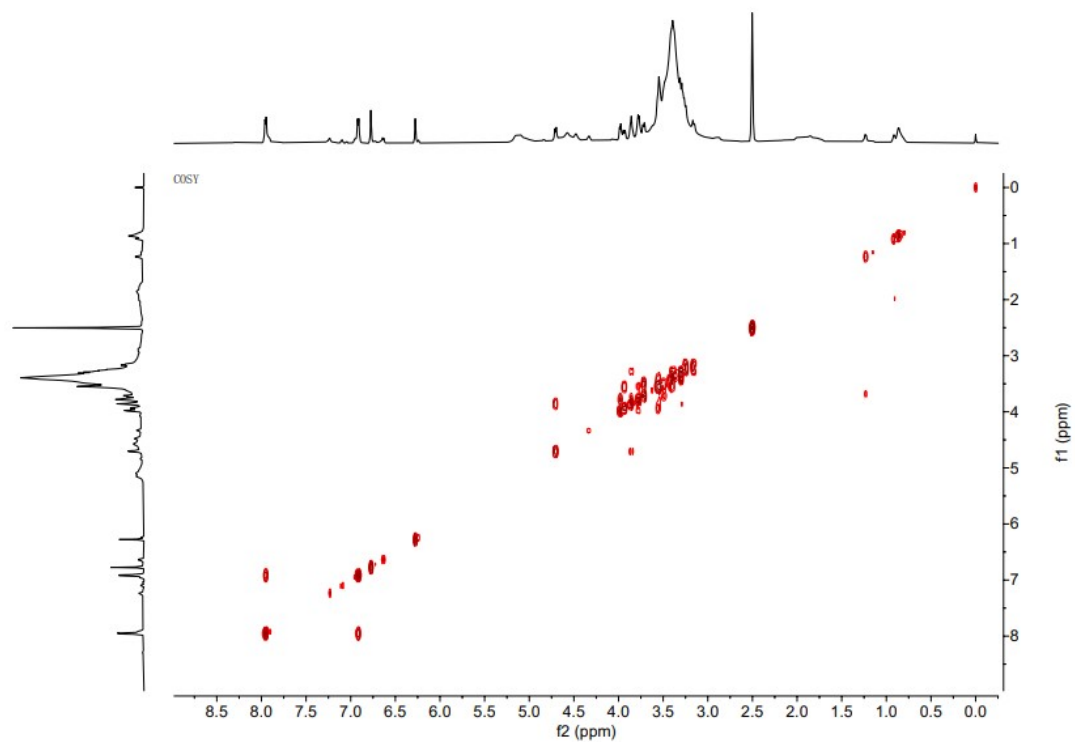


Figure S12. The COSY spectrum of β -D-difructofuranosyl-(2 \rightarrow 6)-vitexin in DMSO- d_6 (600 MHz).

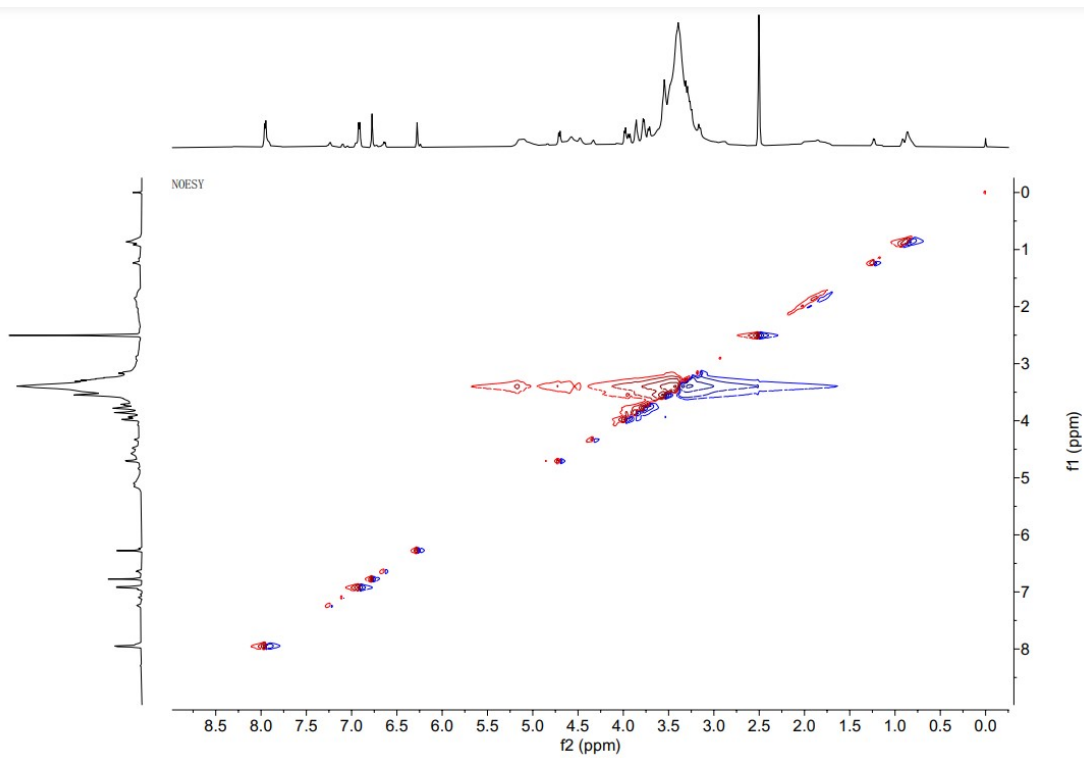


Figure S13. The NOESY spectrum of β -D-difrucctofuranosyl-(2 \rightarrow 6)-vitexin in DMSO- d_6 (600 MHz).

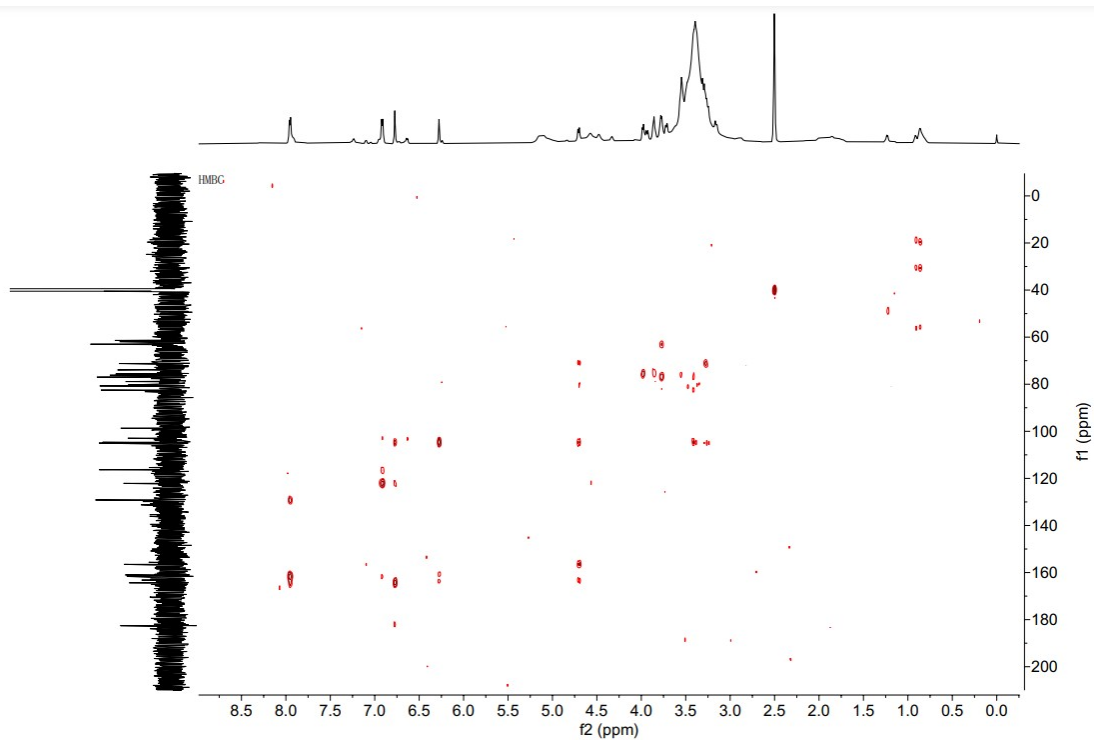


Figure S14. The HMBC spectrum of β -D-difrucctofuranosyl-(2 \rightarrow 6)-vitexin in DMSO- d_6 (600 MHz).

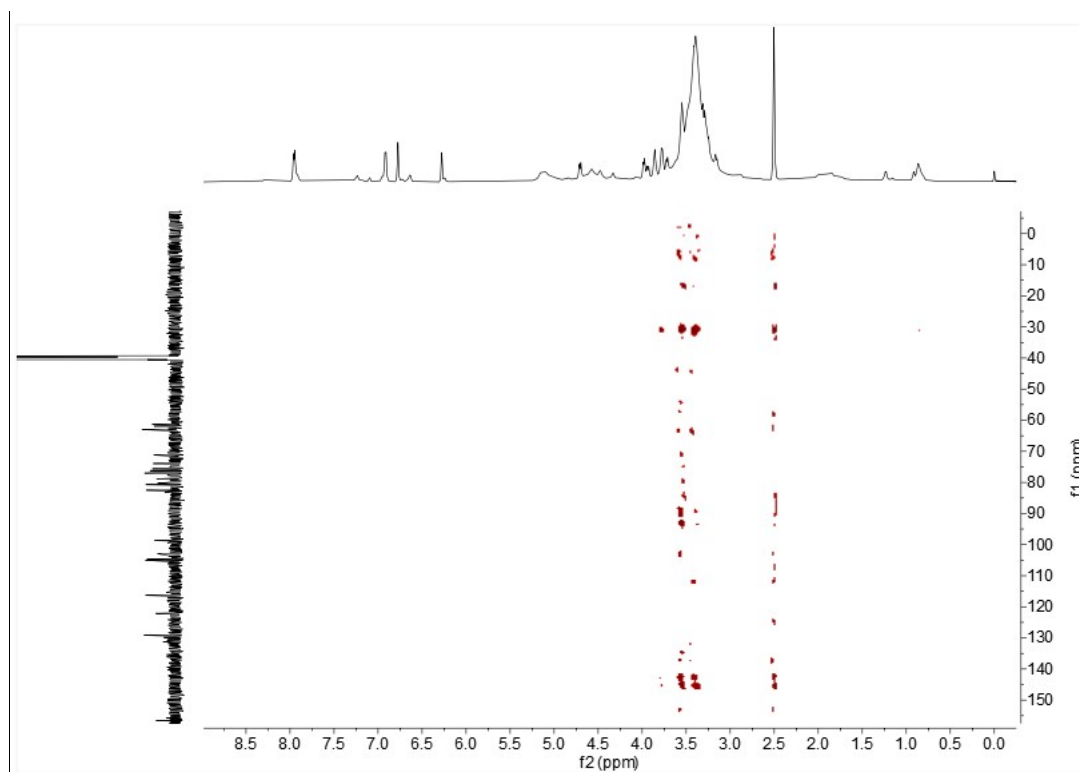


Figure S15. The HSQC spectrum of β -D-difructofuranosyl-(2 \rightarrow 6)-vitexin in DMSO- d_6 (600 MHz).

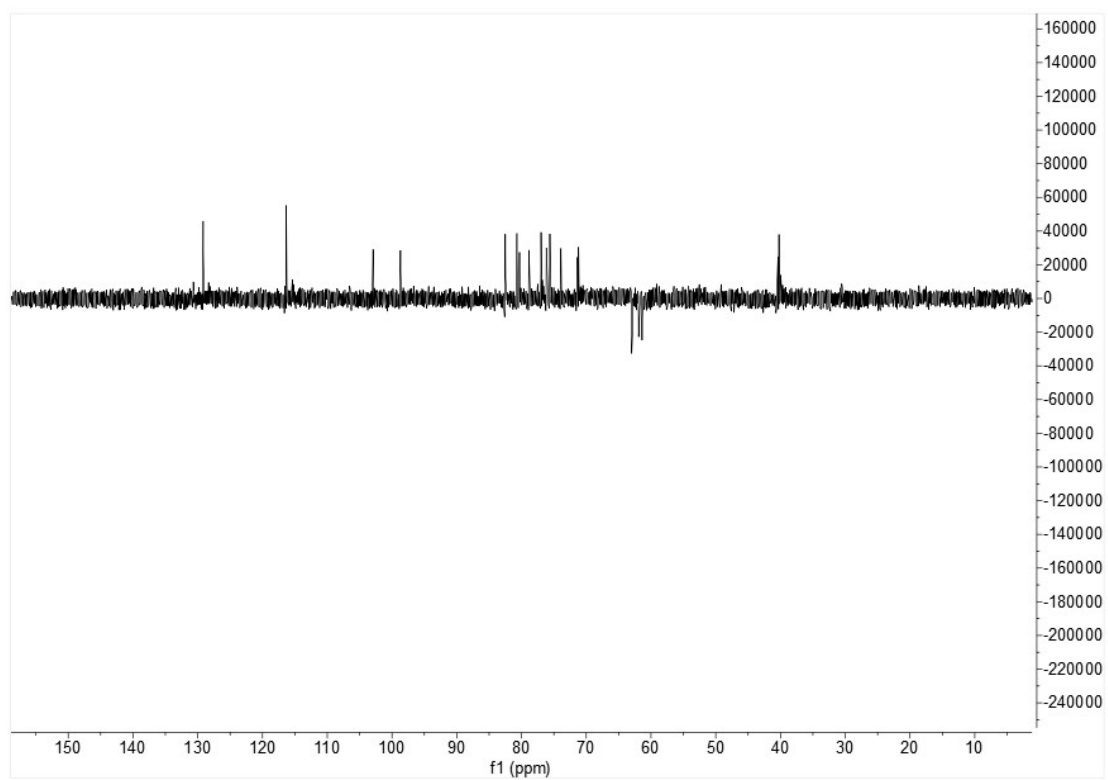


Figure S16. The DEPT spectrum of β -D-diffructofuranosyl-(2 \rightarrow 6)-vitexin in DMSO- d_6 (600 MHz).