

Supplementary data

# Galactomannan pentasaccharide produced from copra meal enhances tight junction integration of epithelial tissue through activation of AMPK

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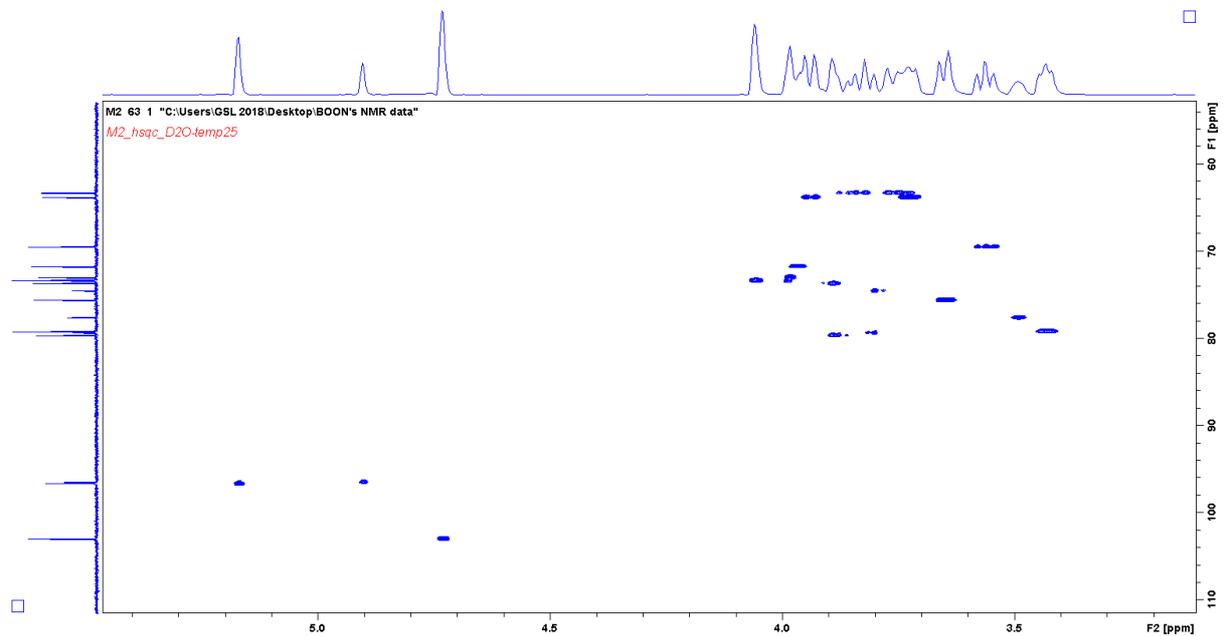
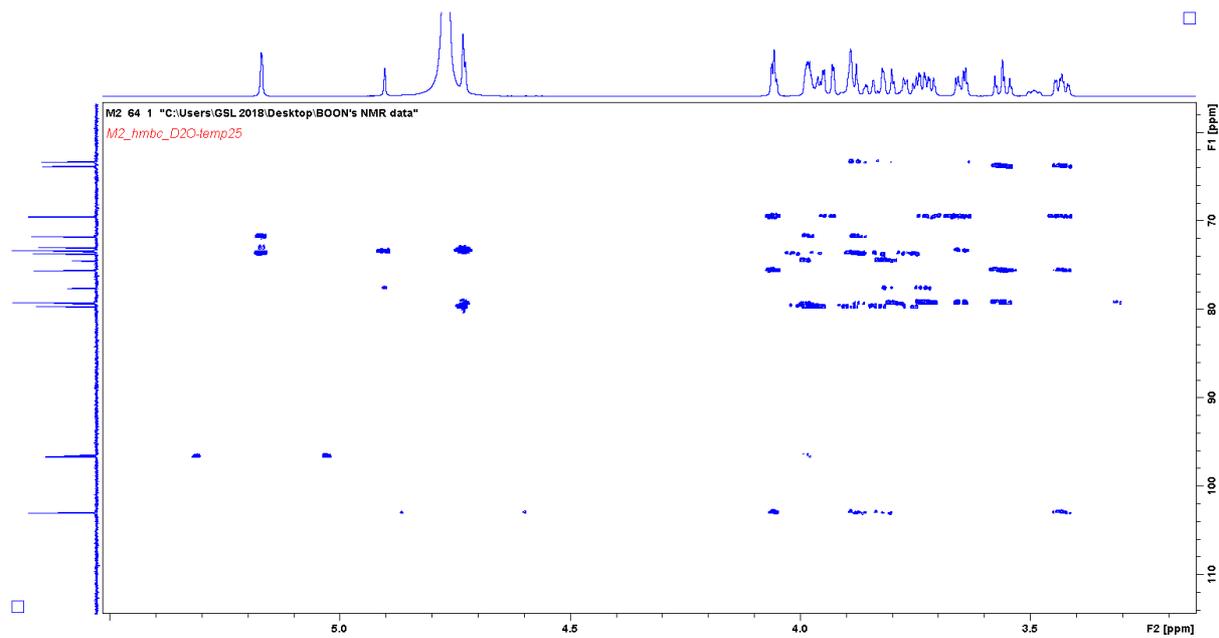
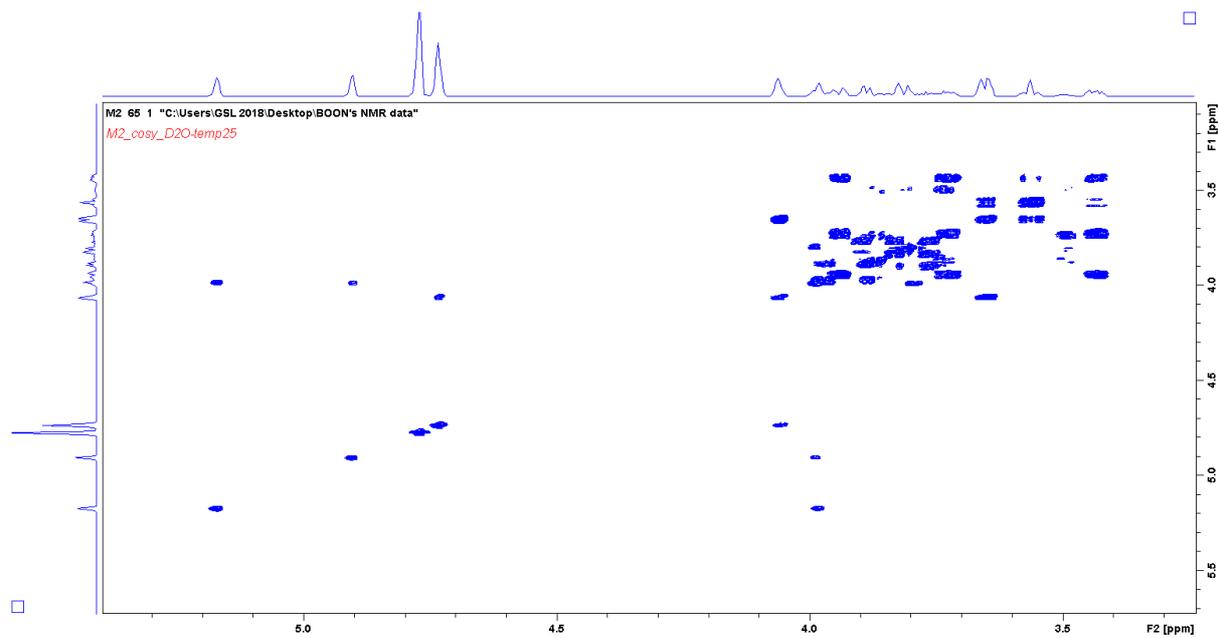


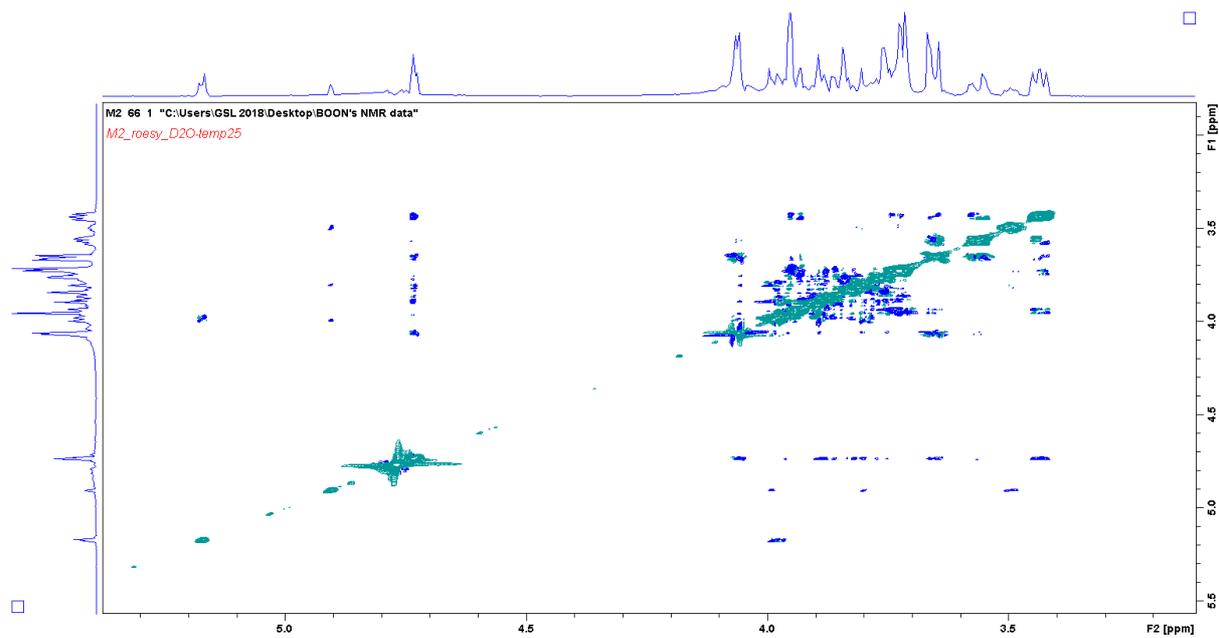
Fig.S1 HSQC spectrum of m-2.



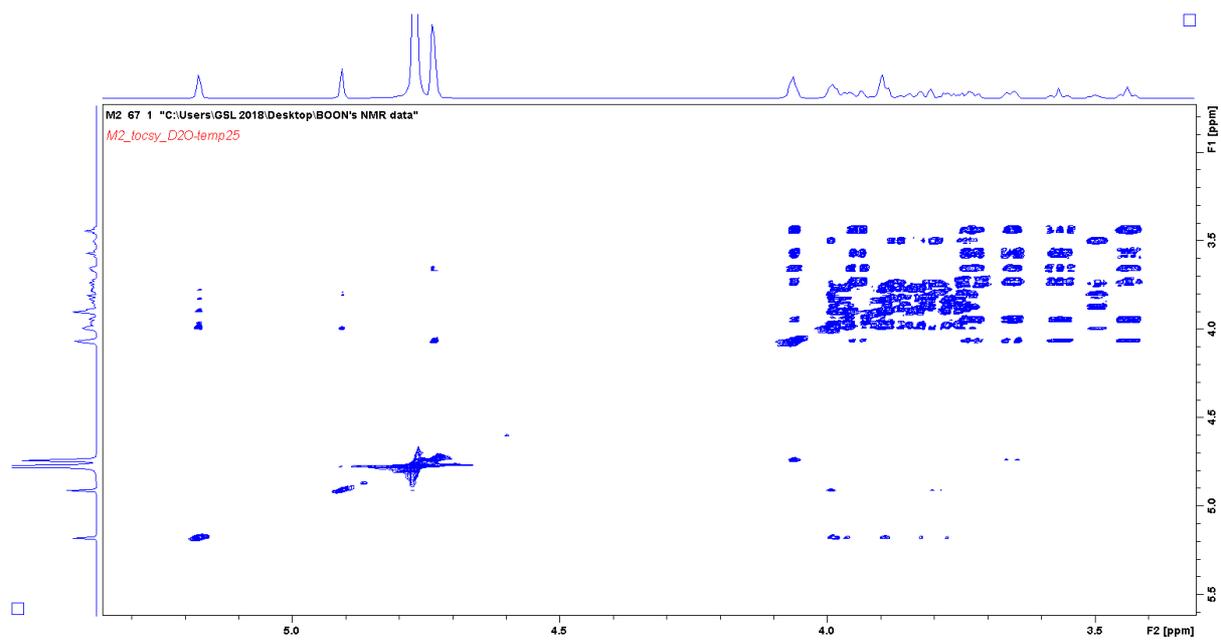
**Fig.S2** HMBC spectrum of m-2.



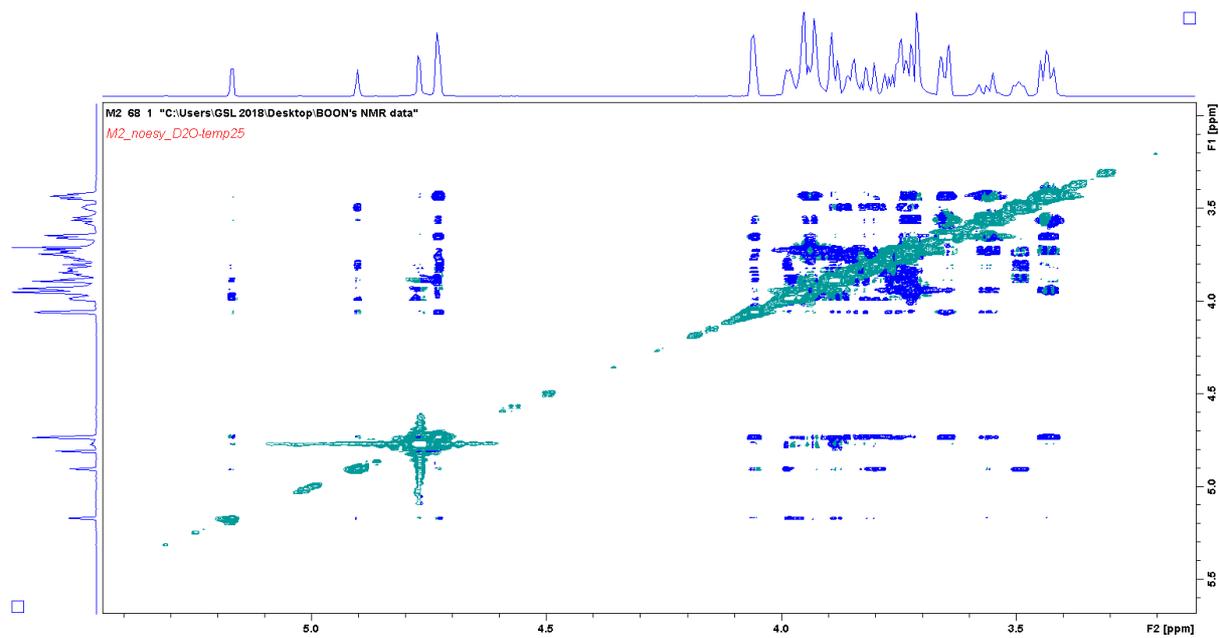
**Fig.S3** COSY spectrum of m-2.



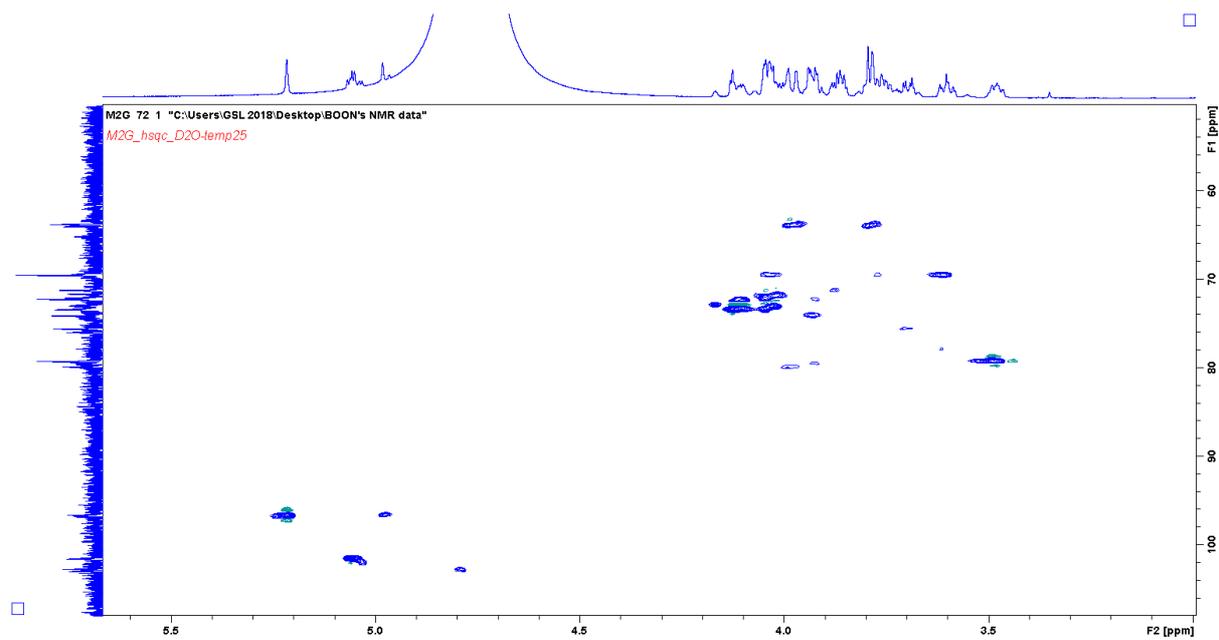
**Fig.S4** ROESY spectrum of m-2.



**Fig.S5 TOCSY spectrum of m-2.**



**Fig.S6** NOESY spectrum of m-2.



**Fig.S7** HSQC spectrum of m-3.

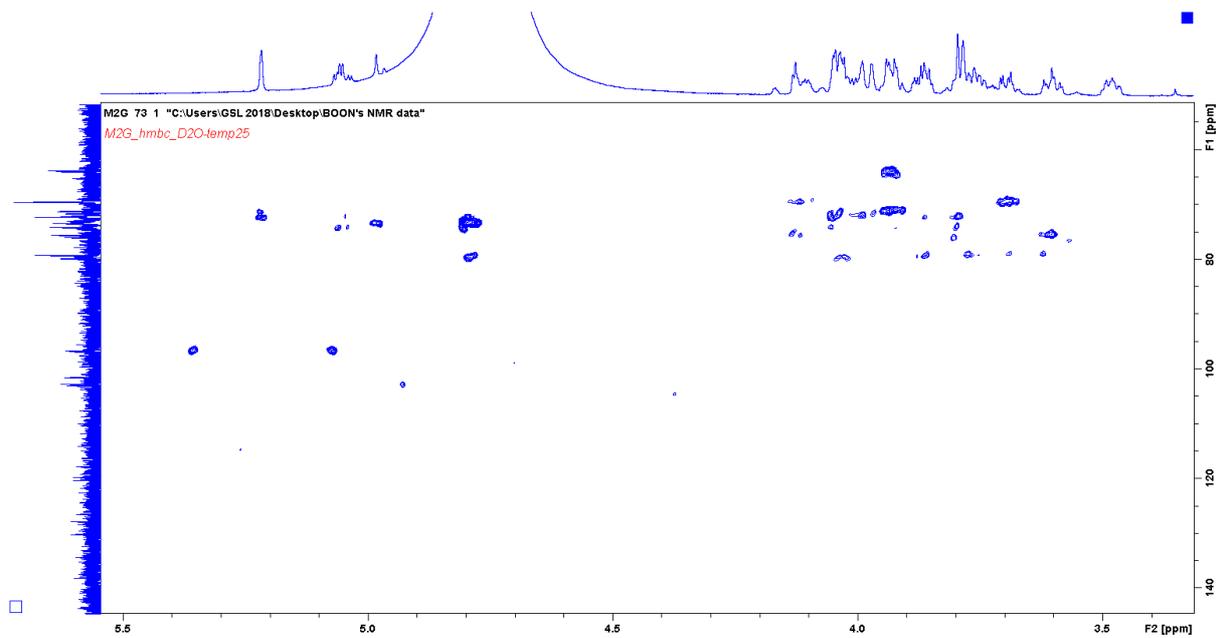
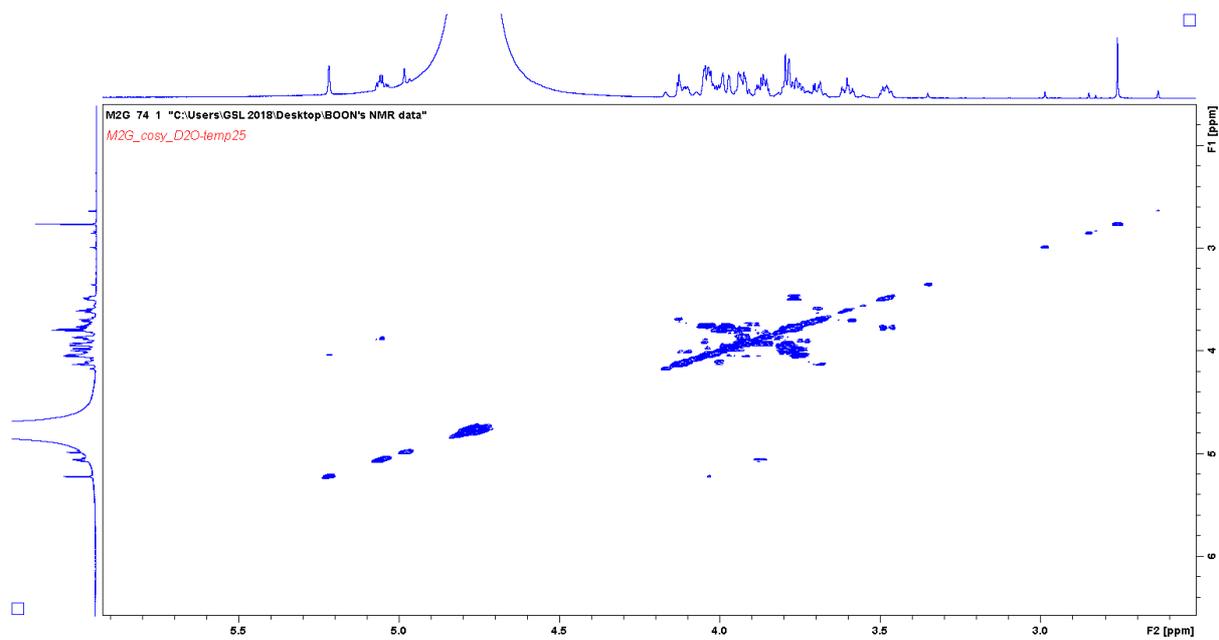
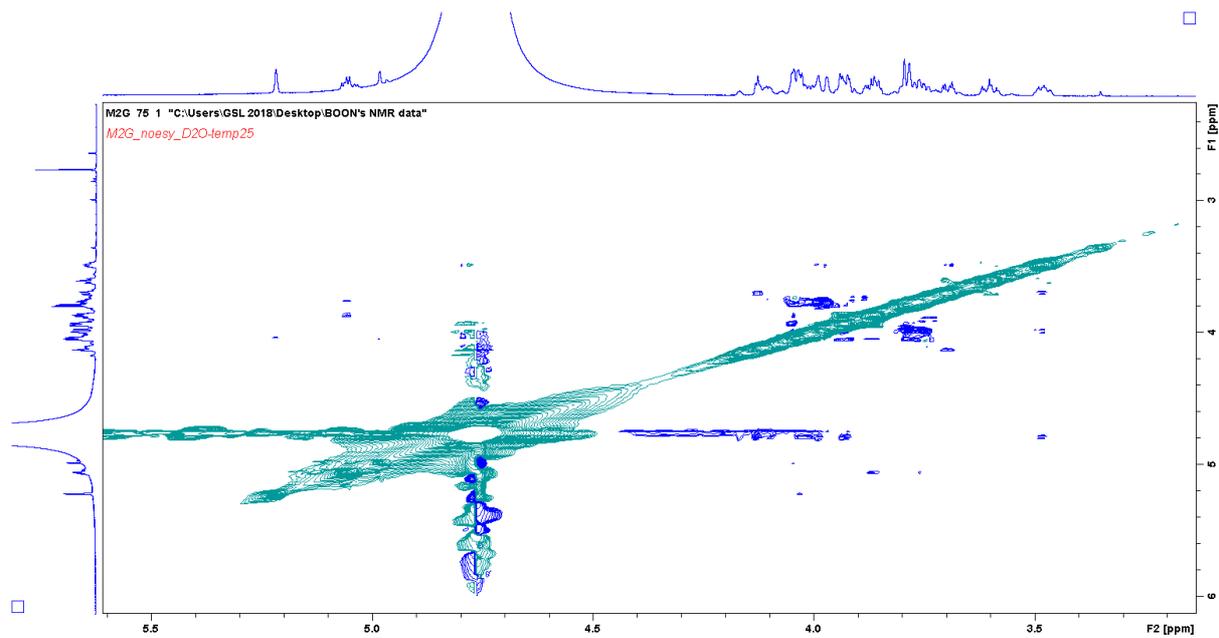


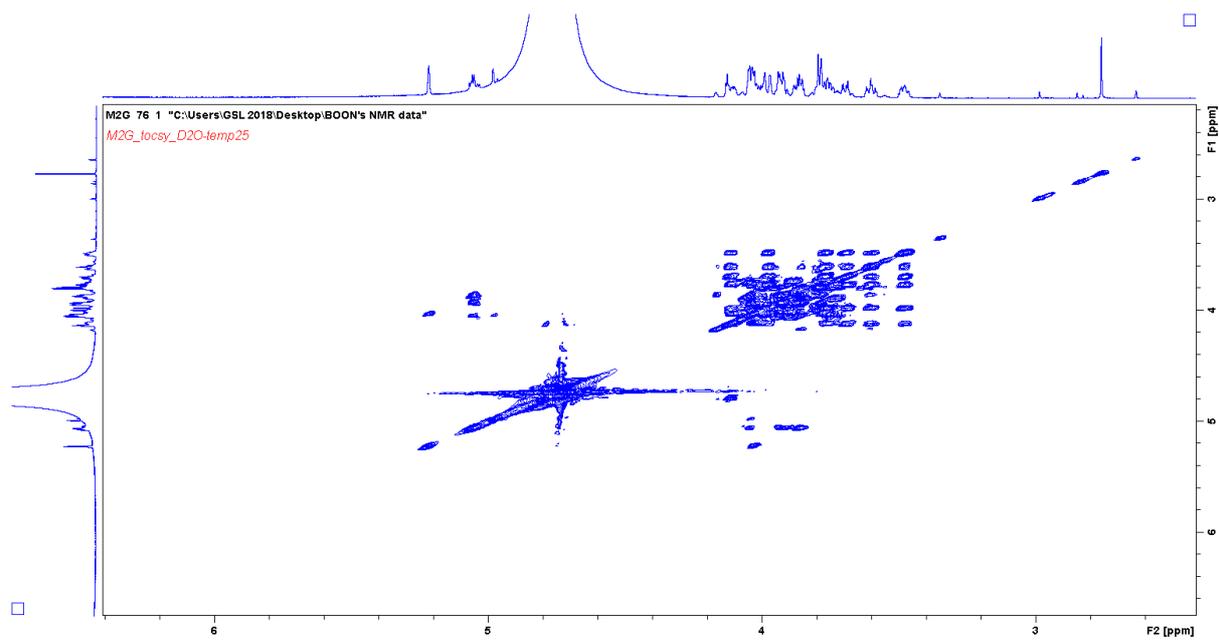
Fig.S8 HMBC spectrum of m-3.



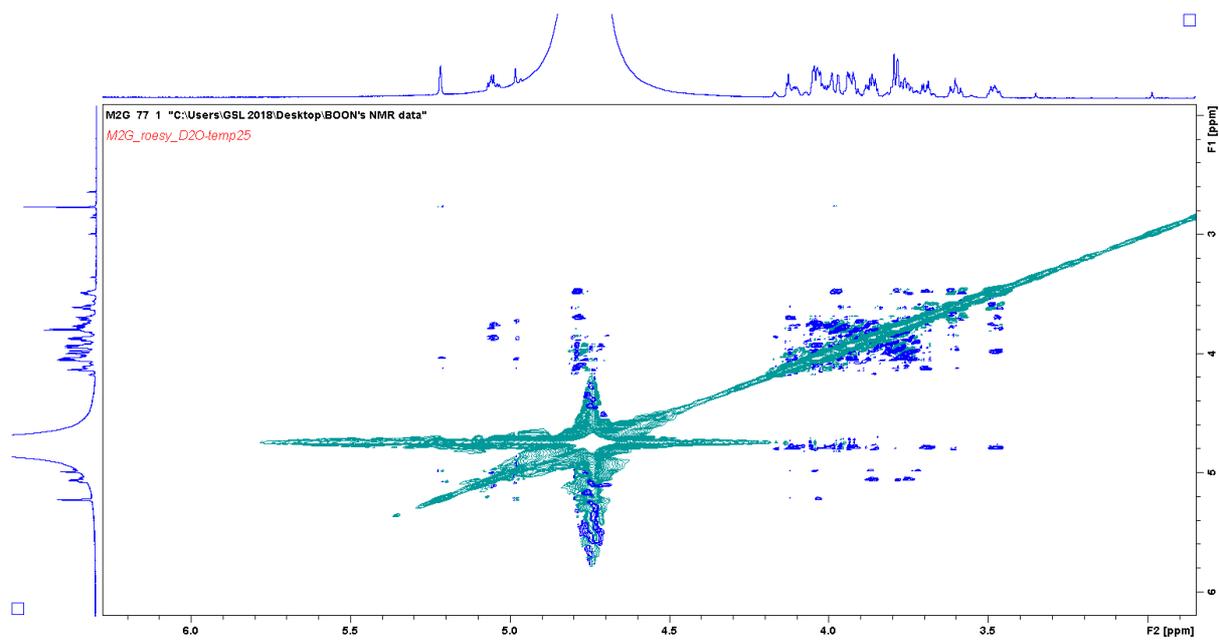
**Fig.S9** COSY spectrum of m-3.



**Fig.S10** NOESY spectrum of m-3.



**Fig.S11** TOCSY spectrum of m-3.



**Fig.S12** ROESY spectrum of m-3.