Table 3. ^{13}C homogeneous T_2 and apparent T_2^* (ms) of M2TMP in DLPC lipid bilayers without and with amantadine (Amt) at 303 K. T_2^* is obtained from the observed linewidths by $T_2^* = 1/\pi\Delta^*$.

Residue	Site	T_2^*, - Amt	T_2, - Amt	T_2^*, + Amt	T_2, + Amt
L26	Cα	1.0	1.4	1.8	2.1
	Cβ	1.8	1.8	2.6	3.0
	Cδ1	3.2	5.8	4.7	9.2
	Cδ2	-	-	3.7	8.4
V27	Cα	1.1	1.0	1.3	3.4
	Cγ2	3.7	4.7	3.4	7.2
A29	Cα	1.1	1.3	2.0	2.5
	Cβ	2.1	5.2	2.2	9.0
A30	Cα	1.1	1.8	2.1	3.5
	Cβ	2.2	3.4	1.3	5.7
I33	Cα	1.1	1.0	1.4	3.4
	Cγ2	2.2	3.4	1.3	4.6
	Cδ	3.7	4.8	3.0	5.6
G34	Cα	0.9	1.2	1.3	2.1
I35	Cα	1.4	1.9	2.3	2.1
	Cβ	1.9	2.1	2.9	2.6
	Cγ2	2.1	2.1	2.2	3.4
	Cδ	3.5	4.9	4.1	7.1
L38	Cα	1.2	1.3	2.1	3.5
	Cβ	1.2	1.5	2.3	3.6
	Cγ	2.6	2.7	2.1	3.5
	Cδ1	3.3	4.5	3.8	8.3
	Cδ2	3.7	4.7	3.0	8.0
Average		2.1	2.8	2.5	4.9