

**Table 4.**  $^{13}\text{C}$  homogeneous  $T_2$  (ms) of M2TMP at 243 K and 303 K of M2TMP without and with amantadine (Amt).

Residue	Site	-Amt, 303 K	-Amt, 243 K	+Amt, 303 K	+Amt, 243 K
L26	C $\alpha$	1.4	3.0	2.1	2.8
	C $\beta$	1.8	1.8	3.0	1.5
	C $\gamma$		2.4		
	C $\delta$ 1	5.8	3.0	9.2	
	C $\delta$ 2			8.4	
V27	C $\alpha$	1.0	2.8	3.4	3.0
	C $\beta$		2.4		2.5
	C $\gamma$ 2	4.7	4.0	7.2	4.7
A29	C $\alpha$	1.3	3.2	2.5	2.8
	C $\beta$	5.2	4.6	9.0	4.9
A30	C $\alpha$	1.8	2.8	3.5	3.2
	C $\beta$	3.4	5.1	5.7	7.2
I33	C $\alpha$	1.0	2.8	3.4	3.0
	C $\beta$		2.3		2.8
	C $\gamma$ 1		2.4		2.5
	C $\gamma$ 2	3.4		4.6	
	C $\delta$	4.8	4.2	5.6	4.3
G34	C $\alpha$	1.2	3.2	2.1	2.6
I35	C $\alpha$	1.9	2.9	2.1	2.8
	C $\beta$	2.1	2.2	2.6	1.8
	C $\gamma$ 2	2.1		3.4	
	C $\delta$	4.9	5.3	7.1	4.7
L38	C $\alpha$	1.3	2.9	3.5	3.2
	C $\beta$	1.5	1.9	3.6	2.2
	C $\gamma$	2.7	2.7	3.5	3.0
	C $\delta$ 1	4.5	4.0	8.3	4.7
	C $\delta$ 2	4.7		8.0	