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Supporting information for article:

Lamotriginium crotonate and lamotriginium salicylate ethanol monosolvate: the role of solvent molecules in the packing organization

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Table S1.Comparative Geometric parameters (Å, °) for **(III)**, **(IV)**

	(III)	(IV)
C1—C5	1.698 (3)	1.734 (3)
C12—C6	1.718 (4)	1.724 (3)
N1—C3	1.287 (3)	1.298 (3)
N1—N2	1.345 (3)	1.342 (3)
N2—C1	1.348 (3)	1.343 (3)
N2—H2	0.97 (3)	0.84 (3)
N3—C1	1.316 (3)	1.319 (3)
N3—H3A	0.89 (3)	0.85 (3)
N3—H3B	0.84 (3)	0.84 (3)
N4—C2	1.329 (3)	1.331 (3)
N4—C1	1.337 (3)	1.341 (3)
N5—C2	1.312 (3)	1.317 (3)
N5—H5A	0.93 (3)	0.82 (3)
N5—H5B	0.84 (3)	0.82 (3)
C2—C3	1.452 (4)	1.453 (3)
C3—C4	1.483 (4)	1.483 (3)
C4—C5	1.375 (4)	1.382 (4)
C4—C9	1.405 (5)	1.400 (4)
C5—C6	1.400 (5)	1.386 (3)
C6—C7	1.352 (6)	1.385 (4)

C7—C8	1.359 (7)	1.368 (5)
C7—H7	0.9300	0.9300
C8—C9	1.399 (6)	1.388 (4)
C8—H8	0.9300	0.9300
C9—H9	0.9300	0.9300

C3—N1—N2	117.7 (2)	117.6 (2)
N1—N2—C1	122.6 (2)	123.1 (2)
N1—N2—H2	114.8 (17)	117 (2)
C1—N2—H2	122.4 (18)	120 (2)
C1—N3—H3A	119 (2)	120 (2)
C1—N3—H3B	120 (2)	119 (2)
H3A—N3—H3B	119 (3)	121 (3)
C2—N4—C1	117.2 (2)	116.6 (2)
C2—N5—H5A	121 (2)	120 (2)
C2—N5—H5B	119 (2)	120 (2)
H5A—N5—H5B	120 (3)	119 (3)
N3—C1—N4	120.3 (2)	120.5 (2)
N3—C1—N2	118.0 (2)	117.7 (2)
N4—C1—N2	121.7 (2)	121.8 (2)
N5—C2—N4	118.8 (2)	119.8 (2)
N5—C2—C3	121.1 (2)	119.3 (2)
N4—C2—C3	120.1 (2)	120.9 (2)
N1—C3—C2	120.7 (2)	119.9 (2)
N1—C3—C4	117.9 (2)	116.7 (2)

C2—C3—C4	121.4 (2)	123.4 (2)
C5—C4—C9	119.9 (3)	118.8 (2)
C5—C4—C3	121.5 (3)	121.4 (2)
C9—C4—C3	118.6 (3)	119.6 (2)
C4—C5—C6	121.1 (3)	120.7 (2)
C4—C5—Cl1	119.8 (2)	119.16 (19)
C6—C5—Cl1	119.1 (3)	120.1 (2)
C7—C6—C5	118.9 (4)	120.0 (3)
C7—C6—Cl2	120.3 (3)	119.0 (2)
C5—C6—Cl2	120.8 (3)	120.9 (2)
C6—C7—C8	120.8 (4)	119.9 (3)
C6—C7—H7	119.6	120.1
C8—C7—H7	119.6	120.1
C7—C8—C9	122.2 (5)	120.7 (3)
C7—C8—H8	118.9	119.7
C9—C8—H8	118.9	119.7
C8—C9—C4	117.0 (4)	119.9 (3)
C8—C9—H9	121.5	120.1
C4—C9—H9	121.5	120.1