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Supporting information for article:

Structures of *N*-acetyl-DL-isoleucine, *N*-acetyl-DL-alloisoleucine, and their ammonium salts. Roles of ammonium ions in the crystal structure formation

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Table S1 Preferential Crystallization of Ac-DL-alIe·NH₃

Run	Amount of Ac-DL-alIe·NH ₃ / mg	Resolution Time / min	Yield / mg	OP / % <i>ee</i>	DR / %
1	628	30	77.8	71.5	8.9
2	653	30	106	82.4	49.5
3	678	30	148	65.6	53.5
4	703	30	206	34.9	21.8
5	753	30	234	28.1	12.6
6	678	10	92.8	85.9	33.8
7	678	20	146	79.3	74.7
8	678	40	201	32.6	17.6

Solvent: 95% C₂H₅OH 20 cm³; Temp.: 20 °C; Seed crystals: Ac-D-alIe·NH₃ 50 mg.