# Production flowchart of Acetyl L-Carnitine HCL

S.R - epichlorohydrine 外消旋环氧氯丙烷

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hydrolytic kinetic resolution split 水解动力学拆分

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S- epichlorohydrine s-(+)-环氧氯丙烷

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chemical reaction 化学反应

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L-Carnitine and sodium chloride water solution L-肉碱与氯化钠水溶液

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Separate sodium chloride, crystal and dry 除盐，结晶，干燥

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L-Carnitine Base 左旋肉碱

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Add Acetyl Chloride and Acetic acid 乙酰氯，醋酸

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Separate sodium chloride, crystal and dry 除盐，结晶，干燥

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Acetyl-L-Carnitine HCL 乙酰左旋肉碱盐酸盐