

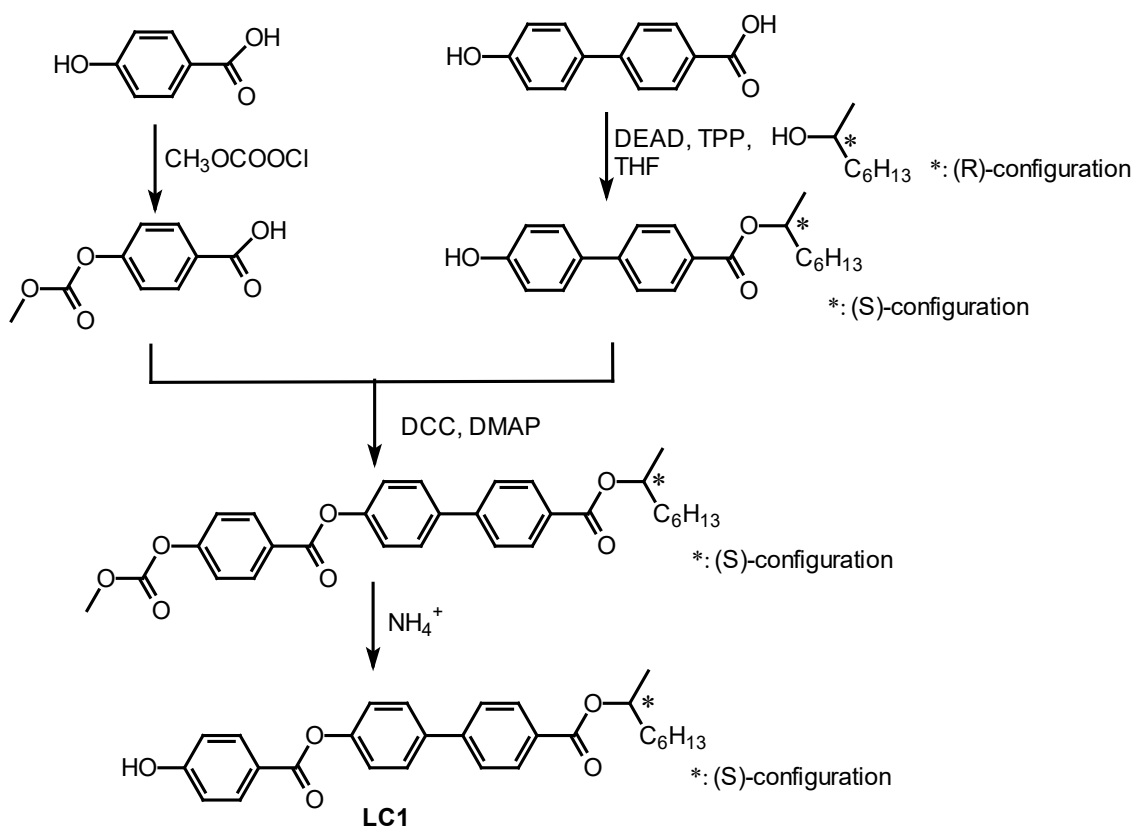
Supplementary data for:

Preparation of chiral poly(thiophene-*alt*-pyrrole) bearing liquid crystal group

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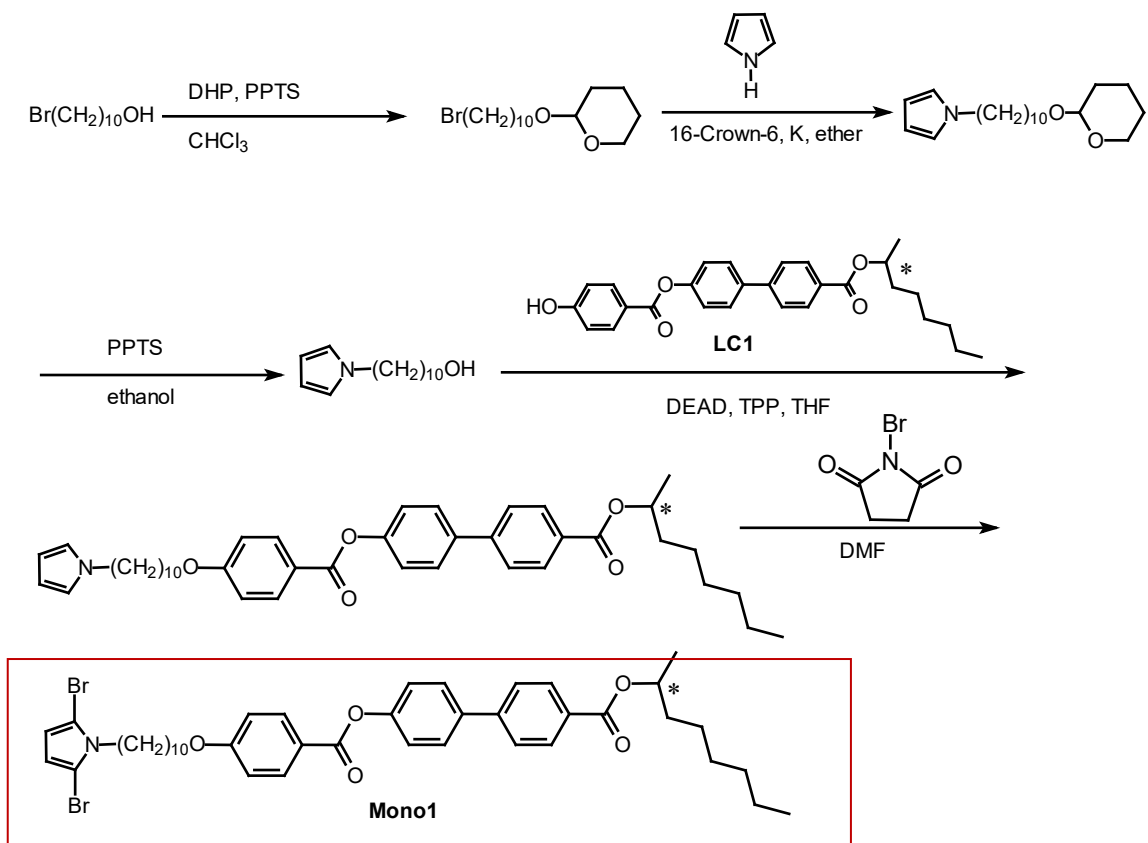
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DCC = dicyclohexylcarbodiimide, DMAP = dimethylaminopyridine

Scheme S1. Synthetic route for side chain mesogen core. Synthesis of a pyrrole-based methine bridge type liquid-crystalline conjugated polymer. *J. Polym. Sci. Part A: Polym. Chem.*, 43, 616–629, 2005.



Scheme S2. Synthetic route for dibromopyrrole (mono1) having liquid crystal group. DHP = 3,4-dihydro-2*H*-pyran, PPTS = pyridinium *p*-toluenesulfonate. DEAD = diethylazodicarboxylate. TPP = triphenylphosphine. * = Stereogenic center, (*S*)-configuration.

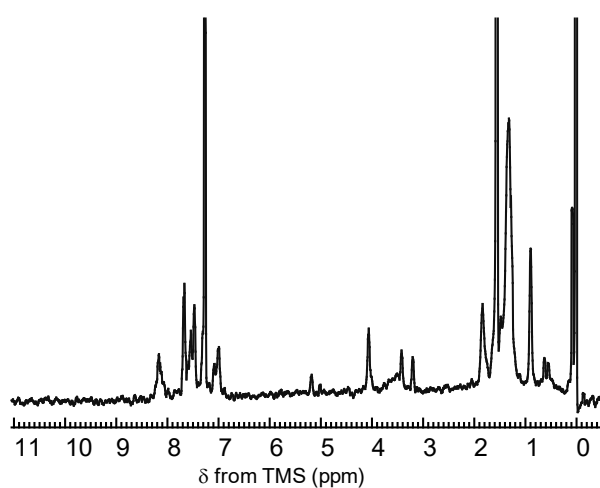


Figure S1. ^1H NMR result of poly1 in CDCl_3 solution.