

Synthesis of New Liquid Crystal Compounds Containing Phenyl-1,3,2-Dioxaborinanes

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The major of liquid crystal molecules consist of carbon, oxygen, nitrogen, and hydrogen atoms. But boron also can be good material consist of liquid crystal molecule. Phenyl-1,3,2-dioxaborinane derivatives having various terminal group are show mesomorphic phase in a high temperature. We introduced the synthesis route of new liquid crystal compound containing phenyl-1,3,2-dioxaborinane.

To be presented in the Liquid Crystal and Other Non-Emissive Displays

I would like to present a poster at the symposium.