



In conclusion, non-mesomorphic isonitriles, on complexation to an Au<sup>I</sup>Cl moiety, lead to liquid-crystalline materials in which the Au–Cl group affords an effective contribution to the intermolecular interaction suitable for forming liquid crystals.

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### Footnote

† All new gold complexes were identified by elemental analyses and IR and <sup>1</sup>H NMR spectra.

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