

D. Caras-Quintero, P. Bäuerle, *Chem. Commun.* **2004**, 0000-0000:

"Synthesis of the first chiral disubstituted 3,4-ethylenedioxythiophenes (EDOT) and corresponding stereo- and regioregular PEDOTs"

Abstract:

Novel disubstituted EDOT monomers were synthesized in good yields from 3,4-dimethoxythiophene and (chiral) glycols by transesterification. The stereochemistry of the monomers affects the electronic properties of the corresponding chiral PEDOT derivatives.