

# Conjugated Compounds Based on Vinylthiazole Units

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Conjugated compounds based on vinylthiazole units show a strong polarization along the  $\pi$  chain, when  $\text{NR}_2$  groups as electron donors are attached in the terminal position. The effect can be even more enhanced by a CHO group as electron acceptor in the opposite terminal position. This property makes such oligomers ( $n = 1, 2, \dots$ ) interesting for applications in linear and nonlinear optics.

*Key words:* Absorption, Conjugation, Fluorescence, Polarization, Push-pull Effect