

## Efficient one-pot synthesis of alkyl 2-(dialkylamino)-4-phenylthiazole-5-carboxylates and single-crystal X-ray structure of methyl 2-(diisopropylamino)-4-phenylthiazole-5-carboxylate.

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The reaction between secondary amines, benzoyl isothiocyanate, and dialkyl acetylenedicarboxylates (=dialkyl but-2-ynedioates) in the presence of silica gel (SiO<sub>2</sub>) led to alkyl 2-(dialkylamino)-4-phenylthiazole-5-carboxylates in fairly high yields. The structures of the products were confirmed by their IR, <sup>1</sup>H- and <sup>13</sup>C-NMR, and mass spectra, and by a single-crystal X-ray structure determination.

### Adres publiczny

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### Strona internetowa wydawcy

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