

## Fluorescent bis(oligophenylamino)terephthalates.

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2,5-Diaminoterephthalates with *N*-biphenyl, *N*-terphenyl and *N*-quaterphenyl moieties possess fluorescence properties and have been prepared in two steps by oxidative aminolysis of succinyl succinates with aniline derivatives followed by Suzuki cross-coupling reactions. The reaction of succinyl succinates with aniline, iodoaniline and iodobiphenylamine yielded 2,5-bis(arylamino)terephthalates. Suzuki cross-coupling reactions of the iodo-functionalized compounds with phenyl- and biphenylboronic acids gave 2,5-diaminoterephthalates with *N*-biphenyl, *N*-terphenyl and *N*-quaterphenyl substituents. Some of the products show interesting fluorescence behaviour.

### Adres publiczny

<https://doi.org/10.1002/ejoc.200800211>

### Strona internetowa wydawcy

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