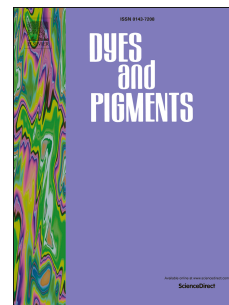


Accepted Manuscript

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PII: S0143-7208(16)30940-8

DOI: [10.1016/j.dyepig.2016.10.014](https://doi.org/10.1016/j.dyepig.2016.10.014)

Reference: DYPI 5530

To appear in: *Dyes and Pigments*

Received Date: 30 June 2016

Revised Date: 23 September 2016

Accepted Date: 12 October 2016

Please cite this article as: Kurt E, Özçeşmeci E, Koca A, Gül A, Koçak MB, Synthesis, photophysical and electrochemical properties of novel hexadeca-substituted phthalocyanines bearing naphthoxy groups, *Dyes and Pigments* (2016), doi: 10.1016/j.dyepig.2016.10.014.

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Graphical abstract Synopsis

Synthesis, photophysical and electrochemical properties of novel hexadeca-substituted phthalocyanines bearing naphthoxy groups

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Graphical Abstract

The synthesis of novel tetra-substituted phthalonitrile and hexadeca-substituted phthalocyanines are described. Aggregation properties of phthalocyanine compounds were investigated. The energy transfer to phthalocyanine core and radiative decays of the naphthol emission and phthalocyanine core were examined. Besides, electrochemistries of the complexes were studied with cyclic voltammetry and square wave voltammetry techniques.

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