

Porphyrin–amino acid conjugates.

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Rok wydania

2020

Czasopismo

Journal of Organic Chemistry

Numer woluminu

85

Strony

8196-8202

DOI

10.1021/acs.joc.0c00335

Kolekcja

Naukowa

Język

Angielski

Typ publikacji

Artykuł

Streszczenie

An efficient way for the formation of a direct bond between a porphyrin and amino acid through a main chain nitrogen has been optimized and applied in the synthesis of a library of chromophore–amino acid conjugates with slightly modified and adjustable optical properties. The obtained series of hybrid materials shows an optic response characteristic for *meso*-nitrogen derivatized porphyrinoids. The oxidation with hypervalent iodine shows a regioselective transformation of an amino acid chain changing the character of the final molecule.

Słowa kluczowe

Palladium, Peptides and proteins, Reaction products, Monomers, Pyrroles

Adres publiczny

<http://dx.doi.org/10.1021/acs.joc.0c00335>

Strona internetowa wydawcy

<https://www.acs.org/content/acs/en.html>