

A photochemical transformation of cyclic peptides leading to formation of selenolanthionine bridges.

Autorzy

Mateusz Waliczek

Özge Pehlivan

Piotr Stefanowicz

Rok wydania

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Streszczenie

Lanthionine is an important, non-proteinogenic amino acid occurring among others in peptide antibiotics–lantibiotics. The majority of known and time-consuming synthetic methods require the application of non-standard amino acid derivatives. Here, we report a convenient, straightforward and efficient photochemical conversion of selenocysteine-based diselenide bridge to selenolanthionine – reaction driven by UV light.

Adres publiczny

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