

The effect of Gd³⁺ ions on luminescence of OPA-Gly.

Autorzy

M. Wierzchaczewski

A. Sidorowicz

E. Łukowiak

Wiesław Stręć

Paula Gawryszewska

Rok wydania

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Streszczenie

Isoindole derivatives of biogenic amines, amino acids, and proteins can be obtained by the reaction of primary, amino groups with o-phthaldialdehyde (OPA) and a thin compound in weak alkaline media [1]. At room temperature the isoindole derivatives exhibit strong fluorescence with a maximum between 420 and 450 nm, depending on the polarity of the environment [2]. For these reasons the isoindoles have been used successfully as fluorescence probes in biological systems [3-5].

Adres publiczny

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<http://link.springer.com>