

Title (en)

FLUORESCENT DYES HAVING HIGH STOKES SHIFT, ON THE BASIS OF BRIDGED BENZOPYRYLIUM SALTS

Title (de)

FLUORESZENZFARBSTOFFE MIT HOHEM STOKES SHIFT AUF DER BASIS VON VERBRÜCKTEN BENZOPYRYLIUMSALZEN

Title (fr)

FLUOROCHROMES À LARGE DÉPLACEMENT DE STOKES À BASE DE SELS DE BENZOPYRYLIUM PONTÉS

Publication

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Application

EP 21716703 A 20210401

Priority

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- EP 2021058647 W 20210401

Abstract (en)

[origin: WO2021198433A1] The invention relates to new kinds of water-soluble fluorescent dyes having high fluorescence quantum yield on the basis of oxygenic heterocyclic compounds, to the reactive derivatives and dye conjugates thereof and to use thereof for marking samples and for verifying analytes. The compounds of the novel dye class are compatible with commercial excitation light sources and are characterized by Stokes shifts of more than 50 nm.

IPC 8 full level

C09B 57/00 (2006.01)

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Citation (search report)

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