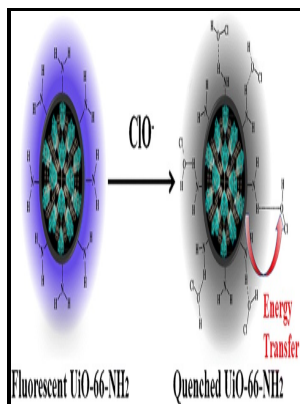


Some luminescent reagents for metals.

University of Salford - Luminescent metal complex probes for correlative microscopy



Description: -

-Some luminescent reagents for metals.

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Contemporary issues in crime and justice series
D2122/72Some luminescent reagents for metals.

Notes: PhD thesis, Chemistry.

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Luminescent Material

Remarkable efforts were also undertaken to enhance the efficiency of the luminescence process, with MOFs of incredibly high quantum yield in the solid state being reported.

Luminescence Type

This means that D is excited and A emits its own luminescence Figure 3e. Chemical reactions of decomposition products can produce CL. The long-wavelength blacklight works similarly except that the phosphor emits in the 300- to 400-nm region.

Luminescence and photophysical properties of metal complexes Home

Laser induced ruby fluorescence R 1 line 694. An even higher impact can be achieved from the participation of the MOF porosity, as it can be used for sensing and detection of chemical species and physical parameters. These compounds have important applications across different fields, which include electronics because of their electronic properties that are close to those of metals and telecommunication devices because they enable smaller and lighter devices.

Biological labelling reagents and probes derived from luminescent transition metal polypyridine complexes

It is possible to connect a fiber to luminescent material or to introduce luminescent dopants into the fiber. The selectivity, sensitivity, speed, flexibility, and simplicity of solid-phase luminescence spectrometry SPLS make it a good analytical tool, especially in trace analysis.

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