

dual fluorescence

of systems or molecular species

Systems or molecular species showing two fluorescence bands. Several non-trivial molecular properties may be at the basis of a dual fluorescence, such as conformational equilibrium in the ground state and a mixture of excited states.

Note:

Trivial reason for dual fluorescence is the coexistence of two independent fluorophores.

Source:

PAC, 2007, 79, 293 (*Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)*) on page 327