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Synthesis and optical limiting properties of new lanthanide bis- and tris-phthalocyanines

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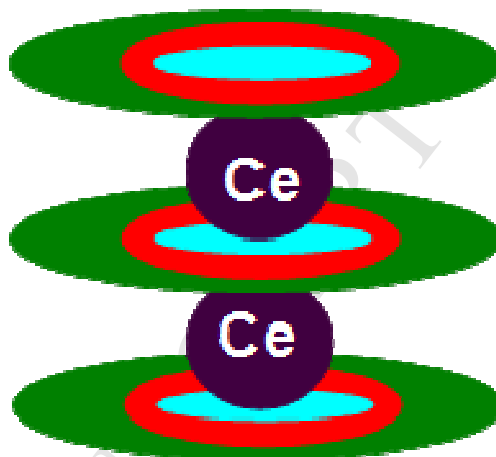
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Triple decker phthalocyanine containing cerium showed better nonlinear optical behavior than the corresponding double decker, both in solution and in thin films, with two photon absorption being the dominant mechanism in solution



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