

# Highly Luminescent, Visible-Emitting Lanthanide Macrocycles Derived from the Cyclen Framework

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A p-tert-butylcalix[6]arene bearing phosphinoyl pendant arms for the complexation and sensitisation of lanthanide ions. Dalton Transactions RSC, 2002, , 4505.	2.3	25
2	Fluorescent Complexes for Biomedical Applications. , 2003, , 913-944.		29
3	Lanthanide Chelates Based on Diethylenetriamine Fitted with O-Benzoic Acid Pendant Arms. European Journal of Inorganic Chemistry, 2003, 2003, 1332-1339.	1.0	8
4	Synthesis of Metal-Chelating Lipids to Sensitize Lanthanide Ions. Journal of Organic Chemistry, 2003, 68, 3999-4007.	1.7	27
5	Monometallic lanthanide complexes with tridentate 2,6-dicarboxamidopyridine ligands. Influence of peripheral substitutions on steric congestion and antenna effect. Dalton Transactions, 2003, , 3856-3868.	1.6	55
6	Synthesis, characterization and near-infrared photoluminescent studies of diethyl malonate appended mono-porphyrinate lanthanide complexes. Dalton Transactions, 2003, , 980-986.	1.6	29
7	Tuning the keto equilibrium in 4-substituted dipicolinic acid derivatives. Organic and Biomolecular Chemistry, 2003, 1, 737-740.	1.5	7
8	POTENTIAL APPLICATIONS FOR THE USE OF LANTHANIDE COMPLEXES AS LUMINESCENT BIOLABELS. Advances in Inorganic Chemistry, 2004, , 361-432.	0.4	50
9	Tuning the Stoichiometry of Lanthanide Complexes with Calixarenes: Bimetallic Complexes with a Calix[6]arene Bearing Ether-Amide Pendant Arms. European Journal of Inorganic Chemistry, 2004, 2004, 2348-2355.	1.0	23
10	Quantum chemistry-based interpretations on the lowest triplet state of luminescent lanthanides complexes. Part 1. Relation between the triplet state energy of hydroxamate complexes and their luminescence properties. Dalton Transactions, 2004, , 1334-1347.	1.6	146
11	Cyclam-based dendrimers as ligands for lanthanide ions. Dalton Transactions, 2004, , 1597-1600.	1.6	35
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13	Molecular recognition and sensing via rare earth complexes. Fundamental Theories of Physics, 2005, , 273-335.	0.1	7
14	An Efficient Design for the Rigid Assembly of Four Bidentate Chromophores in Water-Stable Highly Luminescent Lanthanide Complexes. Angewandte Chemie - International Edition, 2005, 44, 7595-7598.	7.2	98
16	Bimodal System (Luminophore and Paramagnetic Contrastophore) Derived from Ln(III) Complexes Based on a Bipyridine-Containing Macrocyclic Ligand. Inorganic Chemistry, 2005, 44, 8293-8305.	1.9	56
17	Solid-Supported Synthesis of Polymerizable Lanthanide-Ion Chelating Lipids for Protein Detection. Inorganic Chemistry, 2005, 44, 2234-2244.	1.9	7
18	New Luminescent Europium(III) Chelates for DNA Labeling. Inorganic Chemistry, 2006, 45, 4088-4096.	1.9	112
19	Benefiting from the Unique Properties of Lanthanide Ions. Accounts of Chemical Research, 2006, 39, 53-61.	7.6	980

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20	Lanthanide-containing luminescent molecular edifices. <i>Journal of Alloys and Compounds</i> , 2006, 408-412, 934-944.	2.8	31
21	N,N'-1,2-Ethanediyibis{2-[(N-benzylcarbamoyl)methoxy]benzamide}. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o5557-o5559.	0.2	0
22	Photochemistry and Photophysics of Coordination Compounds: Lanthanides. , 2007, , 1-43.		135
23	Non-cytotoxic, Bifunctional Eu <sup>III</sup> and Tb <sup>III</sup> Luminescent Macrocyclic Complexes for Luminescence Resonant Energy Transfer Experiments. <i>Chemistry - A European Journal</i> , 2007, 13, 8678-8687.	1.7	26
24	Polyhedral Structures with an Odd Number of Vertices: Nine-coordinate Metal Compounds. <i>Chemistry - A European Journal</i> , 2008, 14, 1291-1303.	1.7	294
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26	Syntheses, Structures and Photophysical Properties of New Heterodinuclear Cd <sup>II</sup> -Ln Coordination Complexes (Ln = Sm, Eu, Tb, Nd, Ho, Er). <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2336-2343.	1.0	52
27	Lanthanide-based Conjugates as Polyvalent Probes for Biological Labeling. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2856-2862.	1.0	16
28	Colloidal Nanoparticles of a Europium Complex with Enhanced Luminescent Properties. <i>Langmuir</i> , 2008, 24, 6932-6936.	1.6	51
29	Lanthanide complexes with diethyl(2-oxopropyl) phosphonate and diethyl(2-oxo-2-phenylethyl) phosphonate ligands. <i>Journal of Alloys and Compounds</i> , 2008, 451, 395-399.	2.8	12
30	Two- and three-dimensional coordination polymers of lanthanide tartrate: synthesis, crystal structures and luminescence. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2095-2107.	0.8	17
31	Water Stability and Luminescence of Lanthanide Complexes of Tripodal Ligands Derived from 1,4,7-triazacyclononane: Pyridinecarboxamide versus Pyridinecarboxylate Donors. <i>Helvetica Chimica Acta</i> , 2009, 92, 2257-2273.	1.0	65
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35	Syntheses, crystal structures, and properties of 2-(1H-tetrazol-1-yl) acetic acid complexes. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2675-2681.	0.8	11
36	Synthesis of a New NIR Fluorescent Nd Complex Labeling Agent. <i>Journal of Fluorescence</i> , 2010, 20, 225-234.	1.3	8
37	Towards Fluoride Sensing with Positively Charged Lanthanide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2735-2745.	1.0	45

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38	Spectroscopic studies of lanthanide(III) ion complexes with diethyl(phthalimidomethyl) phosphonate. <i>Journal of Luminescence</i> , 2010, 130, 832-838.	1.5	12
39	Preparation, characterization and photophysical properties of hybrid materials from rare earth complexes of phosphonato-substituted DOTAM derivatives. <i>New Journal of Chemistry</i> , 2011, 35, 1189.	1.4	6
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41	Lanthanide complexes of DOTA monoamide derivatives bearing an isophthalate pendent arm. <i>Dalton Transactions</i> , 2011, 40, 11451.	1.6	15
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47	Photophysics of Lanthanoid Coordination Compounds. , 2013, , 339-398.		49
49	Visible-emitting hybrid sol-gel materials comprising lanthanide ions: thin film behaviour and potential use as phosphors for solid-state lighting. <i>New Journal of Chemistry</i> , 2014, 38, 5793-5800.	1.4	17
50	On the design of highly luminescent lanthanide complexes. <i>Coordination Chemistry Reviews</i> , 2015, 293-294, 19-47.	9.5	975
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