

2019 Références trouvées : 1

Cieslikiewicz-Bouet M., Eliseeva S. V., Aucagne V., Delmas A. F., Gillaizeau I. and Petoud S. (2019)

[Near-infrared emitting lanthanide\(iii\) complexes as prototypes of optical imaging agents with peptide targeting ability : a methodological approach.](#)

Rsc Advances (2019) 9, 1747-1751.

[Abstract](#)

2018 Références trouvées : 8

Collet G., Lathion T., Besnard C., Piguet C. and Petoud S. (2018)

[On-Demand Degradation of Metal-Organic Framework Based on Photocleavable Dianthracene-Based Ligand.](#)

Journal of the American Chemical Society (2018) 140 (34) 10820-10828.

[Abstract](#)

Golesorkhi B., Guénée L., Nozary H., Fürstenberg A., Suffren Y., Eliseeva S. V., Petoud S., Hauser A. and Piguet C. (2018)

[Cover Feature : Thermodynamic Programming of Erbium\(III\) Coordination Complexes for Dual Visible/Near-Infrared](#)

Chemistry - A European Journal (2018) 24 (50) 13061.

[Abstract](#)

Nguyen T. N., Capano G., Gladysiak A., Ebrahim F. M., Eliseeva S. V., Chidambaram A., Valizadeh B., Petoud S., Smit B. and Stylianou K. C. (2018)

[Lanthanide-based near-infrared emitting metal-organic frameworks with tunable excitation wavelengths and high quantum yields.](#)

Chemical Communications (2018) 54 (50) 6816-6819.

[Abstract](#)

Golesorkhi B., Guénée L., Nozary H., Fürstenberg A., Suffren Y., Eliseeva S. V., Petoud S., Hauser A. and Piguet C. (2018)

[Thermodynamic Programming of Erbium\(III\) Coordination Complexes for Dual Visible/Near-Infrared Luminescence.](#)

Chemistry - A European Journal (2018) 24 (50) 13158-13169.

[Abstract](#)

Lutter J. C., Eliseeva S. V., Kampf J. W., Petoud S. and Pecoraro V. L. (2018)

[A Unique Ln\(III\) {\[3.3.1\]Ga\(III\) Metallacryptate} Series That Possesses Properties of Slow Magnetic Relaxation and Visible/Near-Infrared Luminescence](#)

Chemistry - A European Journal (2018) 24, 10773-10783

[Abstract](#)

Nguyen T. N., Chow C. Y., Eliseeva S. V., Trivedi E. R., Kampf J. W., Martinic I., Petoud S. and Pecoraro V. L. (2018)

[One-Step Assembly of Visible and Near-Infrared Emitting Metallacrown Dimers Using a Bifunctional Linker](#)

Chemistry - A European Journal (2018) 24 (5) 1031-1035.

[Abstract](#)

Mayer F., Krishnan S. T., Schuehle D. T., Eliseeva S. V., Petoud S., Toth E. and Djanashvili K. (2018)

[Luminescence Properties of Self-Aggregating Tb-III-DOTA-Functionalized Calix 4 arenes.](#)

Frontiers in Chemistry, (2018) 6.

[Abstract](#)

Babel L., Guenee L., Besnard C., Eliseeva S. V., Petoud S. and Piguet C. (2018)

[Cooperative loading of multisite receptors with lanthanide containers : an approach for organized luminescent metallopolymers.](#)

Chemical Science, (2018) 9 (2) 325-335.

[Abstract](#)

2017 Références trouvées : 11

Vuillamy A., Zebret S., Besnard C., Placide V., Petoud S. and Hamacek J. (2017)

[Functionalized Triptycene-Derived Tripodal Ligands : Privileged Formation of Tetranuclear Cage Assemblies with Larger Ln\(III\).](#)

Inorganic Chemistry (2017) 56, 2742-2749.

[Abstract](#)

Martinić I., Eliseeva S. V., Nguyen T. N., Foucher F., Gosset D., Westall F., Pecoraro V. L. and Petoud S. (2017)

[Near-infrared luminescent metallacrowns for combined in vitro cell fixation and counter staining.](#)

Chemical Science (2017) 8, 6042 - 6050.

[Abstract](#)

Larguech G., Cesaro A., Toumi H., Martinic I., Petoud S., Daniellou R. and Lespessailles E. (2017)

Growth Inhibition Of Mesenchymal Stem Cells By Laminarin Definitions.

Medicine and Science in Sports and Exercise (2017) 49, 803-803.

Abstract

Nguyen, T, Chow, C. Y., Eliseeva, S. V., Trivedi, E. R., Kampf, J. W., Martinić, I., Petoud, S. and Pecoraro, V. L. (2017)

One-Step Assembly of Visible and Near-Infrared Emitting Metallacrown Dimers Using a Bifunctional Linker

Chemistry - A European Journal (sous presse)

Abstract

Hashami, Z., Martins, A. F., Funk, A. M., Jordan, V. C., Petoud, S., Eliseeva, S. V. and Kovacs, Z. (2017)

Lanthanide DO3A-Tropone Complexes : Efficient Dual MR/NIR Imaging Probes in Aqueous Medium

European Journal of Inorganic Chemistry (2017) 2017 (43) 4965-4968

Abstract

Martinić, I., Eliseeva, S. V., Nguyen, T. N., Pecoraro, V. L. and Petoud, S. (2017)

Near-Infrared Optical Imaging of Necrotic Cells by Photostable Lanthanide-Based Metallacrowns

Journal of the American Chemical Society (2017) 139 (25) 8388-8391

Abstract

Luo, T. Y., Liu, C., Eliseeva, S. V., Muldoon, P. F., Petoud, S. and Rosi, N. L. (2017)

Rare Earth pcu Metal-Organic Framework Platform Based on RE₄(μ₃-OH)₄(COO)₆₂₊ Clusters : Rational Design, Directed Synthesis, and Deliberate Tuning of Excitation Wavelengths

Journal of the American Chemical Society (2017) 139 (27) 9333-9340

Abstract

Isaac, M., Raibaut, L., Cepeda, C., Roux, A., Boturyn, D., Eliseeva, S. V., Petoud, S. and Seneque, O. (2017)

Luminescent Zinc Fingers : Zn-Responsive Neodymium Near-Infrared Emission in Water

Chemistry - A european Journal (2017) 23 (46) 10992-10996

Abstract

Guerra, S., Dutronc, T., Terazzi, E., Buchwalder, K.-L., Guénée, L., Deschenaux, R., Eliseeva, S. V., Petoud, S. and Piguet, C. (2017)

[Taking a last look at lanthanidomesogens ? The use of basic thermodynamics for programming the temperature domains of existence of luminescent liquid crystals](#)

Coordination Chemistry Reviews (2017) 340, 79-97

[Abstract](#)

Eliseeva, S. V., Liasotkyi, V. S., Golovach, I. P., Doga, P. G., Antonovich, V. P., Petoud, S. and Meshkova, S. B. (2017)

[Exploring the ability of the nalidixate to sensitize visible and near-infrared emitting lanthanide\(III\) cations](#)

Methods and Applications in Fluorescence (2017) 5 (1)

[Abstract](#)

Martinić I., Eliseeva S. V. and Petoud S. (2017)

[Near-infrared emitting probes for biological imaging : Organic fluorophores, quantum dots, fluorescent proteins, lanthanide\(III\) complexes and nanomaterials](#)

Journal of Luminescence (2017) 189, 19-43.

[Abstract](#)

2016 Références trouvées : 5

Suffren Y., Golesorkhi B., Zare D., Guenee L., Nozary H., Eliseeva S. V., Petoud S., Hauser A. and Piguet C. (2016)

[Taming Lanthanide-Centered Upconversion at the Molecular Level](#)

Inorganic chemistry (2016) 117 (51) 26957-26963 - doi : 10.1021/acs.inorgchem.6b00700

[Abstract](#)

Chow C. Y., Eliseeva S. V., Trivedi E. R., Nguyen T. N., Kampf J. W., Petoud S. and Pecoraro V. L. (2016)

[Ga³⁺/Ln³⁺ Metallacrowns : A Promising Family of Highly Luminescent Lanthanide Complexes That Covers Visible and Near-Infrared Domains](#)

Journal of the American Chemical Society (2016) 138 (15) 5100-5109 - doi : 10.1021/jacs.6b00984

[Abstract](#)

Boyer M., Carrion A. J. F., Ory S., Becerro A. I., Villette S., Eliseeva S. V., Petoud S., Aballea P., Matzen G. and Allix M. (2016)

[Transparent polycrystalline SrREGa₃O₇ melilite ceramics : potential phosphors for tuneable solid state lighting](#)

Journal of Materials Chemistry (2016) 4 (15) 3238-3247 - doi : 10.1039/C6TC00633G

[Abstract](#)

Zebret S., Vögele, E., Besnard C. and Hamacek J. (2016)

Synthetic routes to large tripodal organic receptors and the structural characterisation of intermediates

Tetrahedron (2016) 72 (7) 928-935 - doi : 10.1016/j.tet.2015.12.048

[Abstract](#)

Eliseeva S. V., Golovach I. P., Liasotskyi V. S., Antonovich V. P., Petoud S. and Meshkova S. B. (2016)

A role of copper(II) ions in the enhancement of visible and near-infrared lanthanide(III) luminescence

Journal of Luminescence (2016) 171, 191-197 - doi : 10.1016/j.jlumin.2015.10.055

[Abstract](#)

2015 Références trouvées : 5

Zebret S., Vögele E., Klumpler T. and Hamacek J. (2015)

Designing artificial 3D helicates : unprecedented self-assembly of homo-octanuclear tetrapods with europium

Chemistry - A European Journal (2015) 21 (18) 6695-6696 - doi : 10.1002/chem.201500006

[Abstract](#)

Shavaleev N. M., Eliseeva S. V., Scopelliti R. and Bunzli J. C. (2015)

Influence of symmetry on the luminescence and radiative lifetime of nine-coordinate europium complexes

Inorganic Chemistry (2015) 54 (18) 9166-9173 - doi : 10.1021/acs.inorgchem.5b01580

[Abstract](#)

Shavaleev N. M., Eliseeva S. V. (2015)

Synthesis and spectroscopy of anionic tridentate benzimidazole-pyridine carboxylate and tetrazolate chromophore ligands

Inorganica Chimica Acta (2015) 427 81-86 - doi : 10.1016/j.ica.2014.11.037

[Abstract](#)

Douvali A., Tsipis A. C., Eliseeva S. V., Petoud S., Papaefstathiou G. S., Malliakas C. D., Papadas I., Armatas G. S., Margiolaki I., Kanatzidis M. G., Lazarides T., Manos M. J. (2015)

Turn-On Luminescence Sensing and Real-Time Detection of Traces of Water in Organic Solvents by a Flexible Metal-Organic Framework

Angewandte Chemie International Edition (2015) 54 (5) 1651-1656 - doi :
10.1002/anie.201410612

Abstract

Zare, D. ; Suffren, Y. ; Guenee, L. ; Eliseeva, S. V. ; Nozary, H. ; Aboshyan-Sorgho, L. ;
Petoud, S. ; Hauser, A. and Piguët, C. (2015)

**Smaller than a nanoparticle with the design of discrete polynuclear molecular
complexes displaying near-infrared to visible upconversion**

Dalton transactions (2015) 44 (6) 2529-2540 - doi : 10.1039/c4dt02336f

Abstract

2014 Références trouvées : 9

Asseline U., Gonçalves C., Pichon C. and Midoux P. (2014)

**Improved nuclear delivery of antisense 2'-Ome RNA by conjugation with the
histidine-rich peptide H5WYG**

Journal of Gene Medicine (2014) 16 (7-8) 157-165 - doi : 10.1002/jgm.2773.

Abstract

Bonnet, C.S., Caillé, F., Pallier, A., Morfin, J.-F., Petoud, S., Suzenet, F., Tóth, É. (2014)

**Mechanistic Studies of Gd³⁺-Based MRI Contrast Agents for Zn²⁺
Detection : Towards Rational Design**

Chemistry – A European Journal (2014) 20 (35) 10959-10969 - doi :
10.1002/chem.201403043

Abstract

Ferreira M.F., Pereira G., Martins A.F., Martins C.I.O., Prata M.I.M., Petoud S., Toth E.,
Ferreira P.M.T., Martins J.A. and Geraldes C.F.G.C. (2014)

**Ln DO₃A-N-alpha-(pyrenebutanamido)propionate complexes : optimized
relaxivity and NIR optical properties**

Dalton Transactions (2014) 43 (8) 3162-3173 - doi : 10.1039/c3dt52958d

Abstract

Debroye, E. Eliseeva, S. V. Laurent, S. Elst, L. V. Muller, R. N. Parac-Vogt, T. N. (2014)

**Micellar self-assemblies of gadolinium(III)/europium(III) amphiphilic
complexes as model contrast agents for bimodal imaging**

Dalton Transactions. 43 (9) 3589-3600 - doi : 10.1039/c3dt52842a

Abstract

Lefoix M., Mathis G., Kleinmann T., Truffert J.-C. and Asseline U. (2014)

**Pyrazolo 1,5-a -1,3,5-triazine C-Nucleoside as Deoxyadenosine Analogue :
Synthesis, Pairing, and Resistance to Hydrolysis**

The Journal of organic chemistry. 79 (7) 3221-3227 - doi : 10.1021/jo5000253

Abstract

Paquet F., Delalande O., Goffinont S., Culard F., Loth K., Asseline U., Castaing B. and Landon C. (2014)

Model of a DNA-Protein Complex of the Architectural Monomeric Protein MC1 from Euryarchaea

PLoS ONE 9 (2) e88809 - doi : 10.1371/journal.pone.0088809

Abstract

Foucault-Collet A., Shade C.M., Nazarenko L., Petoud S. and Eliseeva S.V. (2014)

Polynuclear SmIII Polyamidoamine-Based Dendrimer : A Single Probe for Combined Visible and Near-Infrared Live-Cell Imaging

Angewandte Chemie International Edition (2014) 53 (11) 2927-2930 - doi : 10.1002/anie.201311028

Abstract

Collet G., Lamerant-Fayel N., Tertit M., El Hafny-Rahbi B., Stepniewski J., Guichard A., Foucault-Collet A., Klimkiewicz K., Petoud S., Matejuk A., Grillon C., Jozkowicz A., Dulak J. and Kieda C. (2014)

Hypoxia-Regulated Overexpression of Soluble VEGFR2 Controls Angiogenesis and Inhibits Tumor Growth

Molecular Cancer Therapeutics (2014) 13 (1) 165-178 - doi : 10.1158/1535-7163.mct-13-0637

Abstract

Trivedi E.R., Eliseeva S.V., Jankolovits J., Olmstead M.M., Petoud S. and Pecoraro V.L. (2014)

Highly Emitting Near-Infrared Lanthanide “Encapsulated Sandwich” Metallocrown Complexes with Excitation Shifted Toward Lower Energy

Journal of the American Chemical Society (2014) 136 (4) 1526-1534 - doi : 10.1021/ja4113337

Abstract

2013 Références trouvées : 12

Jamme, F., Kascakova, S., Villette, S., Allouche, F., Pallu, S., Rouam, V., Réfrégiers, M. (2013)

Deep UV autofluorescence microscopy for cell biology and tissue histology

Biology of the Cell (2013) 105 (7) 277-288 - doi : 10.1111/boc.201200075

Abstract

Deiters, E., Eliseeva, S. V., Bünzli, J.-C. G. (2013)

Self-assembly of a helical zinc-europium complex : speciation in aqueous solution and luminescence

Frontiers in Chemistry (2013) 1 (15) 1-35 - doi : 10.3389/fchem.2013.00015

Abstract

Debroye, E., Eliseeva, S. V., Laurent, S., Elst, L. V., Muller, R. N., Parac-Vogt, T. N. (2013)

Lanthanide(III) Complexes of Diethylenetriaminepentaacetic Acid (DTPA)– Bisamide Derivatives as Potential Agents for Bimodal (Optical/Magnetic Resonance) Imaging

European Journal of Inorganic Chemistry (2013) 2013 (14) 2629-2639 - doi : 10.1002/ejic.201300196

Abstract

Suffren Y., Zare D., Eliseeva, S.V., Guénée L., Nozary H., Lathion T., Aboshyan-Sorgho L., Petoud S., Hauser A. and Piguet C. (2013)

Near-Infrared to Visible Light-Upconversion in Molecules : From Dream to Reality

The Journal of Physical Chemistry C (2013) 117 (51) 26957-26963 - doi : 10.1021/jp4107519

Abstract

Verma K.D., Forgács A., Uh H., Beyerlein M., Maier M.E., Petoud S., Botta M. and Logothetis N.K. (2013)

New Calcium-Selective Smart Contrast Agents for Magnetic Resonance Imaging

Chemistry – A European Journal (2013) 19 (52) 18011-18026 - doi : 10.1002/chem.201300169

Abstract

Foucault-Collet, A. ; Gogick, K. A. ; White, K. A. ; Villette, S. ; Pallier, A. ; Collet, G. ; Kieda, C. ; Li, T. ; Geib, S. J. ; Rosi, N. L. ; Petoud, S. (2013)

Lanthanide near infrared imaging in living cells with Yb³⁺ nano metal organic frameworks

Proc Natl Acad Sci U S A (2013) 110, 17199-17204 - doi : 10.1073/pnas.1305910110

Abstract

Mukherjee, P., Sloan, R. F., Shade, C. M., Waldeck, D. H. and Petoud, S. (2013)

A Postsynthetic Modification of II-VI Nanoparticles to Create Tb³⁺ and Eu³⁺ Luminophores

J Phys Chem C Nanomater Interfaces 117 (27) 14451-14460

Abstract

Chiu F.C., Barth B.A., Kotchey G.P., Zhao Y., Gogick K.A., Saidi W.A., Petoud S. and Star A. (2013)

[Enzyme-Catalyzed Oxidation Facilitates the Return of Fluorescence for Single-Walled Carbon Nanotubes](#)

American Chemical Society 135 (36) 13356-13364

[Abstract](#)

Mendonça A.C., Martins A.F., Melchior A., Marques S.M., Chaves S., Villette S., Petoud S., Zanonato P.L., Tolazzi M., Bonnet C.S., Tóth E., Di Bernardo P., Geraldes C.F. and Santos M.A. (2013)

[New tris-3,4-HOPO lanthanide complexes as potential imaging probes : complex stability and magnetic properties](#)

Dalton Transactions 42 (17) 6046-6057

[Abstract](#)

Zaim A., Natalia Dalla F., Guenee L., Nozary H., Hoang Thi Nhu Y., Svetlana V. E., Petoud S. and Piguet C. (2013)

[Lanthanide hexafluoroacetylacetonates vs. nitrates for the controlled loading of luminescent polynuclear single-stranded oligomers](#)

Chemical Science 4 (3) 1125-1136

[Abstract](#)

Lacerda, S., Bonnet, C.S., Pallier, A., Villette, S., Foucher, F., Westall, F., Buron, F., Suzenet, F., Pichon, C., Petoud, S. and Tóth, E. (2013)

[Lanthanide-Based, Near-Infrared Luminescent and Magnetic Lipoparticles : Monitoring Particle Integrity](#)

Small (2013) 9 (16) 2662-2666 - doi : 10.1002/sml.201201923

[Abstract](#)

Mathis, Gerald Bourg, Stephane Aci-Seche, Samia Truffert, Jean-Christophe Asseline, Ulysse (2013)

[Synthesis and properties of 2'-O-neopentyl modified oligonucleotides](#)

Organic & Biomolecular Chemistry 11 (8) 1345-1357 - doi : 10.1039/c2ob26871j

[Abstract](#)

2012 Références trouvées : 9

Debroye, E., Dehaen, G., Eliseeva, S. V. Laurent, S., Vander Elst, L., Muller, R. N., Binnemans, K., Parac-Vogt, T. N. (2012)

[A new metallostar complex based on an aluminum\(iii\) 8-hydroxyquinoline core as a potential bimodal contrast agent](#)

Dalton Transactions (2012) 41 (35) 10549-10556 - doi : 10.1039/C2DT30605K

[Abstract](#)

Verwilt, P. Eliseeva, S. V. Vander Elst, L. Burtea, C. Laurent, S. Petoud, S. Muller, R. N. Parac-Vogt, T. N. De Borggraeve, W. M. (2012)

[A tripodal ruthenium-gadolinium metallostar as a potential \$\alpha\(v\)\beta\(3\)\$ integrin specific bimodal imaging contrast agent](#)

Inorganic Chemistry (2012) 51 (11) 6405-6411 - doi : 10.1021/ic300717m

Abstract

Lemonnier, J. F., Babel, L., Guénée, L., Mukherjee, P., Waldeck, D. H., Eliseeva, S. V., Petoud, S., and Piguet, C. (2012)

[Perfluorinated Aromatic Spacers for Sensitizing Europium\(III\) Centers in Dinuclear Oligomers : Better than the Best by Chemical Design ?](#)

Angewandte Chemie International Edition 51 (45) 11302-11305

Abstract

Aboshyan-Sorgho, L., Nozary, H., Aebischer, A., Bünzli, J.C., Morgantini, P.Y., Kittilstved, K.R., Hauser, A., Eliseeva, S.V., Petoud, S. and Piguet, C. (2012)

[Optimizing Millisecond Time Scale Near-Infrared Emission in Polynuclear Chrome\(III\)-Lanthanide\(III\) Complexes](#)

J Am Chem Soc.134 (30) 12675-12684

Abstract

Aboshyan-Sorgho, L., Cantuela, M., Petoud, S., Hauser, A. and Piguet, C. (2012)

[19th International Symposium on the Photophysics and Photochemistry of Coordination Compounds Cover image Review Optical sensitization and upconversion in discrete polynuclear chromium–lanthanide complexes](#)

Coordination Chemistry Reviews 256 (15–16) 1644–1663

Abstract

Zaim, A., Nozary, H., Guénée, L., Besnard, C., Lemonnier, J.F., Petoud, S. and Piguet, C. (2012)

[N-Heterocyclic Tridentate Aromatic Ligands Bound to \[Ln\(hexafluoroacetylacetonate\)₃\] Units : Thermodynamic, Structural, and Luminescent Properties](#)

Chemistry a European Journal 18 (23) 7155-7168

Abstract

Godin, F., Villette, S., Vallée, B., Doudeau, M., Morisset-Lopez, S., Ardourel, M., Hevor, T., Pichon, C. and Bénédicti, B. (2012)

[A fraction of neurofibromin interacts with PML bodies in the nucleus of the CCF astrocytoma cell line](#)

Biochemical and Biophysical Research Communications 418 (4) 689-694

[Abstract](#)

Caillé, F, Bonnet, CS, Buron, F, Villette, S, Helm, L, Petoud, S, Suzenet, F. & Tóth E. (2012)

[Isoquinoline-Based Lanthanide Complexes : Bright NIR Optical Probes and Efficient MRI Agents](#)

Inorganic Chemistry 51 (4) 2522-2532

[Abstract](#)

Bonnet, CS, Buron, F, Caillé, F, Shade, CM, Drahoš, B, Pellegatti, L, Zhang, J, Villette, S, Helm, L, Pichon, C, Suzenet, F, Petoud, S. & Tóth E. (2012)

[Pyridine-Based Lanthanide Complexes Combining MRI and NIR Luminescence Activities](#)

Chemistry - a european journal 18 (5) 1419-1431

[Abstract](#)

2011 Références trouvées : 7

Lemonnier, J. F. ; Guenee, L. ; Beuchat, C. ; Wesolowski, T. A. ; Mukherjee, P. ; Waldeck, D. H. ; Gogick, K. A. ; Petoud, S. and Piguet, C. (2011)

[Optimizing Sensitization Processes in Dinuclear Luminescent Lanthanide Oligomers : Selection of Rigid Aromatic Spacers](#)

J. Am. Chem. Soc.133 (40) 16219-16234

[Abstract](#)

Alcala, M. A., Shade, C. M., Uh, H., Kwan, S. Y., Bischof, M., Thompson, Z. P., Gogick, K. A., Meier, A. R., Strein, T. G., Bartlett, D. L., Modzelewski, R. A., Lee, Y. J., Petoud, S. and Brown, C. K. (2011)

[Preferential accumulation within tumors and in vivo imaging by functionalized luminescent dendrimer lanthanide complexes](#)

Biomaterials 32 (35) 9343-9352

[Abstract](#)

Fu, L., Villette, S., Petoud, S., Fernandez-Alonso, F. & Saboungi, M. L. (2011)

[H/D Isotope Effects in Protein Thermal Denaturation : The Case of Bovine Serum Albumin](#)

Journal of Physical Chemistry B - 115 (8) 1881-1888

Batard, E. Jamme, F. Villette, S. Jacqueline, C. de la Cochetiere, M. F. Caillon, J. & Refregiers, M. (2011)

[Diffusion of Ofloxacin in the Endocarditis Vegetation Assessed with Synchrotron Radiation UV Fluorescence Microspectroscopy](#)

PLOS One - 6 (4) e19440

An, J. Y. Shade, C. M. Chengelis-Czegán, D. A. Petoud, S. & Rosi, N. L. (2011)

[Zinc-Adeninate Metal-Organic Framework for Aqueous Encapsulation and Sensitization of Near-infrared and Visible Emitting Lanthanide Cations](#)

Journal of the American Chemical Society - 133 (5) 1220-1223

Alcala, M., Kwan, S.Y., Shade, C.M., Lang, M.G., Uh, H., Wang, M.Y., Weber, S.G. Barlett, D.L., Petoud, S. & Lee, Y.J. (2011)

[Luminescence targeting and imaging using a nanoscale generation 3 dendrimer in an in vivo colorectal metastatic rat model](#)

Nanomedicine (2011) 7 (3) 249-258 - doi : 10.1016/j.nano.2010.09.002

Abstract

Mukherjee, P., Shade, C. M., Yingling, A.M., Lamont, D. N ., Waldeck, D. H. & Petoud, S. (2011)

[Lanthanide Sensitization in II-VI Semiconductor Materials : A Case Study with Terbium \(III\) and Europium \(III\) in Zinc Sulfide Nanoparticles](#)

J. Phys. Chem. A (2011) 115 (16) 4031-4041 - doi : 10.1021/jp109786w

Abstract

2010 Références trouvées : 5

Toth, E. & Petoud, S. (2010)

[Welcome to 'Molecular Probes in Optical and Magnetic Resonance Imaging' FOREWORD.](#)

Future Medicinal Chemistry 2 (3) 305-306

Jamme, F., Villette, S., Giuliani, A., Rouam, V., Wien, F., Lagarde, B. & Réfrégiers, M. (2010)

[Synchrotron UV Fluorescence Microscopy Uncovers New Probes in Cells and Tissues](#)

Microscopy and Microanalysis, 16, pp 507-514 doi:10.1017/S1431927610093852

Uh, H., H. and Petoud, S. (2010)

[Novel Antennae for the Sensitization of Near Infrared Luminescent Lanthanide Cations.](#)

C. R. de Chimie 13, 668-680

Thiagarajan, V. Villette, S., Espagne, A., Eker, A.P.M., Brettel, K. & Byrdin, M. (2010)

DNA Repair by Photolyase : A novel substrate with low background absorption around 265 nm for transient absorption studies in the UV.

Biochemistry 49, 297-303.

Bonnet, C.S., Pellegatti, L., Buron, F., Shade, C.M., Villette, S., Kubicek, V., Guillaumet, G., Suzenet, F., Petoud, S. & Toth, E. (2010)

Hydrophobic chromophore cargo in micellar structures : a different strategy to sensitize lanthanide cations.

Chem. Commun. 46, 124-126.

2009 Références trouvées : 12

Asseline, U. (2009)

Nucleic Acids analysis with fluorescence

Wiley Encyclopedia of Chemical Biology (2009) 1-10

Sivak, W., Zhang, J., Petoud, S. & Beckman, E. (2009)

Simultaneous drug release at different rates from biodegradable polyurethane foams

Acta Biomater. 5, 2398-2408.

Oxley, D.S., Walters, R.W., Copenhafer, J.E., Meyer, T.Y., Petoud, S. & Edenborn, H.M. (2009)

Mono- and Terfluorene Oligomers as Versatile Sensitizers for the Luminescent Eu³⁺ Cation

Inorg. Chem. 48, 6332-6334.

White, K.A. Chengelis, D.A., Zeller, M., Geib, S.J., Szakos, J., Petoud, S. & Rosi, N.L. (2009)

Near-infrared emitting ytterbium metal-organic frameworks with tunable excitation properties

Chem. Commun. 2009, 30, 4506-4508.

Petoud, S. (2009)

Novel Antennae for Luminescent Lanthanide Cations Emitting in the Visible and in the Near-infrared : From Small Molecules to Polymetallic Lanthanide Containing Nanocrystals

Chimia 63, 745-752.

Kauffman, D.R., Shade, CM., Uh, H., Petoud, S. & Star, A. (2009)

Decorated carbon nanotubes with unique oxygen sensitivity

Nature. Chem. 1, 500-506.

Allen, B.L., Shade, C.M., Yingling, A.M., Petoud, S. & Star, A. (2009)

Graphitic Nanocapsules

Adv. Mat. 21, 4692.

White, K.A., Chengelis, D.A., Gogick, K.A., Stehman, J., Rosi, N.L. & Petoud, S. (2009)

Near-Infrared Luminescent Lanthanide MOF Barcodes.

J. Am. Chem. Soc. 131, 18069-18071.

Uh, H., Badger, P.D., Geib, S.J. & Petoud, S. (2009)

Synthesis and Solid-State, Solution, and Luminescence Properties of Near-Infrared-Emitting Neodymium(3+) Complexes Formed with Ligands Derived from Salophen.

Helv. Chim. Acta 92, 2313-2329.

Renard, B.L., Aubert, Y. & Asseline, U. (2009)

Fluorinated squaraine as near-IR label with improved properties for the labeling of oligonucleotides.

Tetrahedron Lett. 50, 1897-1901.

Byrdin, M., Viruthachalam, T., Villette, S., Espagne, A. & Brettel, K. (2009)

Use of ruthenium dyes for subnanosecond detector fidelity testing in real time transient absorption.

Rev. Sci. Inst. 80, 043102.

Aubert, Y., Chassignol, M., Roig, V., Mbemba, G., Weiss, J., Meudal, H., Mouscadet, J.F. & Asseline, U. (2009)

Synthesis and anti-HIV-1 integrase activity of modified dinucleotides.

Eur. J. Med. Chem. 44, 5029-5044.

2008 Références trouvées : 8

Sivak, W., Pollack, I., Petoud, S., Zamboni, W., Zhang, J. & Beckman, E. (2008)

LDI-glycerol Polyurethane Implants Exhibit Controlled Release of DB-67 and Anti-tumor Activity in vitro Against Malignant Gliomas

Acta Biomater. 4, 852-862.

Zhang, J. & Petoud, S. (2008)

[Azulene Moiety Based Ligand for the Efficient Sensitization of Four Near-Infrared Luminescent Lanthanide Cations : Nd³⁺, Er³⁺, Tm³⁺, and Yb³⁺](#)

Chem. Eur. J. 14, 1264-1272.

Sivak, W., Pollack, I., Petoud, S., Zamboni, W., Zhang, J. & Beckman, E. (2008)

[Catalyst-dependent Drug Loading of LDI-glycerol Polyurethane Foams Leads to Differing Controlled Release Profiles](#)

Acta Biomater. 4, 1263-1274.

Pellegatti, L., Zhang, J., Drahos, B., Suzenet, F., Petoud, S. & Tóth, E. (2008)

[Lanthanide Complexes Operating as Bimodal Near Infrared Fluorescent Reporters and MRI Contrast Agents](#)

Chem. Commun. 6591-6593.

Renard, B.L., Lartia, R. & Asseline, U. (2008)

[Targeting DNA with "light-up" pyrimidine triple-helical forming oligonucleotides conjugated to stabilizing fluorophores \(LU-TFOs\).](#)

Org. Biomol. Chem. 6, 4413-4425.

Pellegatti, L., Zhang, J., Drahos, B., Villette, S., Suzenet, F., Guillaumet, G., Petoud, S. & Toth, E. (2008)

[Pyridine-based lanthanide complexes : towards bimodal agents operating as near infrared luminescent and MRI reporters.](#)

Chem. Commun. 48, 6591-6593.

Mazier, S., Villette, S., Goffinont, S., Renouard, S., Maurizot, J.C., Genest, D. & Spothem-Maurizot, M. (2008)

[Radiation Damage to a DNA-Binding Protein. Combined Circular Dichroism and Molecular Dynamics Simulation Analysis.](#)

Radiat. Res. 170, 604-612.

Byrdin, M., Villette, S., Espagne, A., Eker, A.P.M. & Brettel, K. (2008)

[Polarized transient absorption to resolve electron transfer between tryptophans in DNA photolyase.](#)

J. Phys. Chem. B 112, 6866-6871.

2007 Références trouvées : 5

S. Petoud, G. Muller, E. G. Moore, J. Xu, J. Sokolnicki, J. P. Riehl, U. Le, S. M. Cohen and K. N. Raymond (2007)

Brilliant Sm, Eu, Tb and Dy Chiral Lanthanide Complexes with Strong Circularly Polarized Luminescence.

J. Am. Chem. Soc. 129, 77-83
Zhang, J., P. D. Badger, S. J. Geib and S. Petoud (2007)

Synthesis and Structural Properties of Lanthanide Complexes Formed with Troponate Ligands.

Inorg. Chem. 46, 6473-6482
Zhang, J. , C. M. Shade, D. A. Chengelis and S. Petoud (2007)

A Strategy to Protect and Sensitize Near Infrared Luminescent Nd³⁺ and Yb³⁺ : Organic Troponate Ligands for the Sensitization of Ln³⁺ Doped NaYF₄ Nanocrystals

J. Am. Chem. Soc. 129, 14834-14835
Byrdin, M ; Villette, S ; Eker, APM ; Brettel, K (2007)

Observation of an intermediate tryptophanyl radical in W306F mutant DNA photolyase from Escherichia coli supports electron hopping along the triple tryptophan chain

Biochemistry 46 (35) 10072-10077
Abstract
Chassignol, M ; Aubert, Y ; Roig, V ; Asseline, U (2007)

Detection of terminal mismatches on DNA duplexes in homogeneous assays or with immobilized probes

Nucleosides Nucleotides & Nucleic Acids 26 1669-1672
Abstract

2006 Références trouvées : 5

Chengelis, D. A., A. M. Yingling, G. P. Filipczyk and S. Petoud (2006)

Lanthanide Complexes with More Intense Luminescence : A Strategy for the Formation of Polymetallic Lanthanide Dendrimer Complexes and Semiconductor Nanocrystal Compounds

Proc. SPIE. 6370, 6300Y-01-6300Y-11
Villette, S ; Pigaglio-Deshayes, S ; Vever-Bizet, C ; Validire, P ; Bourg-Heckly, G (2006)

Ultraviolet-induced autofluorescence characterization of normal and tumoral esophageal epithelium cells with quantitation of NAD(P)H

Photochemical & Photobiological Sciences 5 (5) 483-492

[Abstract](#)

Asseline, U ; Chassignol, M ; Aubert, Y ; Roig, V (2006)

[Detection of terminal mismatches on DNA duplexes with fluorescent oligonucleotides](#)

Organic & Biomolecular Chemistry 4 (10) 1949-1957

[Abstract](#)

Lartia, R ; Asseline, U (2006)

[New cyanine-oligonucleotide conjugates : Relationships between chemical structures and properties](#)

Chemistry-A European Journal 12 (8) 2270-2281

[Abstract](#)

Asseline, U (2006)

[Developments and applications of fluorescent oligonucleotides](#)

Current Organic Chemistry 10 (4) 491-518

[Abstract](#)

2005 Références trouvées : 3

Zhang, J., P. D. Badger, S. J. Geib and S. Petoud (2005)

[Sensitization of Near-Infrared-Emitting Lanthanide Cations in Solution by Tropolonate](#)

Angew. Chemie Int. Ed. 44, 2508-2512

Chengelis, D. A., A. M. Yingling, P. D. Badger, and S. Petoud (2005)

[Incorporating Lanthanide Cations with Cadmium Selenide Nanocrystals : A Strategy to Sensitize and Protect Tb\(III\)](#)

J. Am. Chem. Soc. 127, 16752-16753

Brunet, E ; Corgnali, M ; Perrouault, L ; Roig, V ; Asseline, U ; Sorensen, MD ; Babu, BR ; Wengel, J ; Giovannangeli, C (2005)

[Intercalator conjugates of pyrimidine locked nucleic acid-modified triplex-forming oligonucleotides : improving DNA binding properties and reaching cellular activities](#)

Nucleic Acids Research 33 (13) 4223-4234

[Abstract](#)

2004 Références trouvées : 4

E. A. McArthur, Tao Ye, J. P. Cross, S. Petoud, E. Borguet (2004)

Fluorescence Detection of Surface Bound Intermediates Produced from UV Photoreactivity of Alkylsiloxane SAMs

J. Am. Chem. Soc. 126, 2260-2261
Cross, J. P., M. Lauz, P. D. Badger, and S. Petoud (2004)

Polymetallic Lanthanide Complexes with PAMAM-Naphthalimide Dendritic Ligands : Luminescent Lanthanide Complexes Formed in Solution

J. Am. Chem. Soc. 126, 16278-16279
Aubert, Y ; Asseline, U (2004)

Synthesis and hybridization properties of oligonucleotide perylene conjugates : influence of the conjugation parameters on triplex and duplex stabilities

Organic & Biomolecular Chemistry 2 (23) 3496-3503

Abstract

Lartia, R ; Asseline, U (2004)

New reagent for the preparation of oligonucleotides involving a 5'-thiophosphate or a 5'-phosphate group

Tetrahedron Letters 45 (31) 5949-5952

Abstract

2003 Références trouvées : 6

Barnes, C. M., Petoud, S., Cohen, S.M. & Raymond, K.N. (2003)

Competition studies in horse spleen ferritin probed by a kinetically inert inhibitor, [Cr(TREN)(H₂O)(OH)]²⁺, and a highly luminescent Tb(III) reagent

J. Biol. Inorg. Chem. 8, 195-205
Petoud, S., Cohen, S.M., Bünzli, J.C.G. & Raymond, K.N. (2003)

Stable lanthanide luminescence agents highly emissive in aqueous solution : multidentate 2-hydroxyisophthalamide complexes of Sm³⁺, Eu³⁺, Tb³⁺, Dy³⁺

J. Am. Chem. Soc. 125, 13324-13325
Vinogradov, S ; Roig, V ; Sergueeva, Z ; Nguyen, CH ; Arimondo, P ; Thuong, NT ; Bisagni, E ; Sun, JS ; Helene, C ; Asseline, U (2003)

Synthesis and binding properties of oligo-2'-deoxyribonucleotides conjugated with triple-helix-specific intercalators : Benzo[e] and benzo(g) pyridoindoles

Bioconjugate Chemistry 14 (1) 120-135

[Abstract](#)

Roig, V ; Asseline, U (2003)

[Oligo-2'-deoxyribonucleotides containing uracil modified at the 5-position with linkers ending with guanidinium groups](#)

Journal of The American Chemical Society 125 (15) 4416-4417

Asseline, U ; Chassignol, M ; Draus, J ; Durand, M ; Maurizot, JC (2003)

[Synthesis and properties of oligo-2'-deoxyribonucleotides containing internucleotidic phosphoramidate linkages modified with pendant groups ending with either two amino or two hydroxyl functions](#)

Bioorganic & Medicinal Chemistry 11 (16) 3499-3511

[Abstract](#)

Aubert, Y ; Asseline, U (2003)

[Synthesis and properties of oligonucleotides involving a perylene unit linked to a 2'-deoxyribose residue](#)

Nucleosides Nucleotides & Nucleic Acids 22 (5-8) 1223-1225

[Abstract](#)

2002 Références trouvées : 3

Bonnette, P ; Heckly, GB ; Villette, S ; Fragola, A (2002)

[Intraoperative photodynamic therapy after pleuropneumonectomy for malignant pleural mesothelioma](#)

Chest 122 (5) 1866-1867

Asseline, U (2002)

[Modified Oligonucleotides involving positive charges : influence of their number and placement.](#)

Modified Nucleosides, Synthesis and Applications 33-35 - Editor(s) : Loakes, D (Research Signpost, Kerala, India)

Privat, E ; Melvin, T ; Merola, F ; Schweizer, G ; Prodhomme, S ; Asseline, U ; Vigny, P (2002)

[Fluorescent properties of oligonucleotide-conjugated thiazole orange probes](#)

Photochemistry and Photobiology 75 (3) 201-210

[Abstract](#)

2001 Références trouvées : 7

Asseline, U., Thuong, N.T. (2001)

Incorporation of halogenoalkyl, 2-pyridyldithioalkyl or isothiocyanate linkers into ligands.

Current Protocols in Nucleic Acid Chemistry 4.8.1-4.8.13 - Editors : Beaucage, S. ; Bergstrom, D.E. ; Glick, G.D. ; Jones, R.A. (John Wiley&Sons)
Asseline, U. & Thuong, N.T. (2001)

Conjugation of 5'-functionalized oligodeoxyribonucleotides with properly functionalized ligands.

Current Protocols in Nucleic Acid Chemistry (2001) 4.10.1-4.10.23 - Editors : Beaucage, S., Bergstrom, D.E., Glick, G.D. & Jones, R.A. (John Wiley&Sons)
Asseline, U ; Thuong, NT ; (2001)

Modification of the 5'-terminus of oligodeoxyribonucleotides for conjugation with ligands.

Current Protocols in Nucleic Acid Chemistry 4.9.1-4.9.28 - Editors : Beaucage, S., Bergstrom, D.E., Glick, G.D. & Jones, R.A. (John Wiley&Sons)
Aubert, Y ; Perrouault, L ; Helene, C ; Giovannangeli, C ; Asseline, U (2001)

Synthesis and properties of triple helix-forming oligodeoxyribonucleotides containing 7-chloro-7-deaza-2'-deoxyguanosine

Bioorganic & Medicinal Chemistry 9 (6) 1617-1624

Abstract

Asseline, U ; Cheng, E (2001)

Synthesis and binding properties of perylene-oligo-2'-deoxyribonucleotide conjugates

Tetrahedron Letters 42 (51) 9005-9010

Abstract

Privat, E ; Asseline, U (2001)

Synthesis and binding properties of oligo-2'-deoxyribonucleotides covalently linked to a thiazole orange derivative

Bioconjugate Chemistry 12 (5) 757-769

Abstract

Privat, E ; Melvin, T ; Asseline, U ; Vigny, P (2001)

Oligonucleotide-conjugated thiazole orange probes as "light-up" probes for messenger ribonucleic acid molecules in living cells

Abstract

2000 Références trouvées : 6

Cohen, S. M. , Petoud, S. & Raymond, K.N. (2000)

[Synthesis and Metal Binding Properties of Salicylate, Catecholate, and Hydroxypyridonate Functionalized Dendrimers](#)

Chem. Eur. J. 727, 272-279

Asseline, U. & Thuong, N.T. (2000)

[Direct attachment of conjugate groups to the 5' terminus of oligodeoxyribonucleotides.](#)

Current Protocols in Nucleic Acid Chemistry (2000) 4.3.1-4.3.15 - Editors : Beaucage, S., Bergstrom, D.E., Glick, G.D. & Jones, R.A. (John Wiley&Sons)

Aubert, Y ; Bourgerie, S ; Meunier, L ; Mayer, R ; Roche, AC ; Monsigny, M ; Thuong, NT ; Asseline, U (2000)

[Optimized synthesis of phosphorothioate oligodeoxyribonucleotides substituted with a 5'-protected thiol function and a 3'-amino group](#)

Nucleic Acids Research 28 (3) 818-825

Abstract

Guieysse, AL ; Praseuth, D ; Giovannangeli, C ; Asseline, U ; Helene, C (2000)

[Psoralen adducts induced by triplex-forming oligonucleotides are refractory to repair in HeLa cells](#)

Journal of Molecular Biology 287 (2) 373-383

Abstract

Thuong, NT ; Asseline, U (2000)

[Modification of the 5'-terminus of oligonucleotides for attachment of reporter and conjugate groups](#)

Current Protocols in Nucleic Acid Chemistry 4.2.1-4.2.34 - Editor(s) : Beaucage, S ; Bergstrom, DE ; Glick, GD ; Jones, RA (John Wiley&Sons)

Arimondo, P ; Bailly, C ; Boutorine, A ; Asseline, U ; Sun, JS ; Garestier, T ; Helene, C (2000)

[Linkage of a triple helix-forming oligonucleotide to amsacrine-4-carboxamide derivatives modulates the sequence-selectivity of topoisomerase II-mediated DNA cleavage](#)

Nucleosides Nucleotides & Nucleic Acids 19 (8) 1205-1218

[Abstract](#)