



Linden CMS

Auf dem Berge 25
D-28844 LEESTE
Germany
e-Mail linden @ FDMS.de
www.FDMS.de

Linden ChroMasSpec GmbH, Auf dem Berge 25, D-28844 LEESTE, Germany

Tel. +49 - 421 - 801 941

FI/FD/LIFDI publications 2008

Isolation and characterization of stable, distinctly bent, trans-chelated bisphosphine palladium(0) species†

Thomas Schnetz, Marc Röder, Frank Rominger and Peter Hofmann
Dalton Trans., **2008**, 2238–2240

JEOL JMS 700 with LIFDI

Diborylenetetraaminoperylene (DIBOTAP): A new class of highly fluorescent functional polycyclic aromatic hydrocarbons with N-B-N units.

Till Riehm, Gabriele De Paoli, Hubert Wadepohl, Luisa De Cola, and Lutz H. Gade
Chem. Commun., **2008**, 5348–5350

JEOL JMS 700 with LIFDI

Putting Group 13 Elements onto Perylenes: Highly Fluorescent N-B-N- and N-Al-N-substituted Polycyclic Aromatics

Till Riehm, Hubert Wadepohl, and Lutz H. Gade
Inorg. Chem. **2008**, 47, 11467–11469

JEOL JMS 700 with LIFDI

Living Radical Polymerization of Acrylates Mediated by 1,3-Bis(2-pyridylimino)isoindolatocobalt(II) Complexes: Monitoring the Chain Growth at the Metal

Björn K. Langlotz, Julio Lloret Fillol, Jürgen H. Gross, Hubert Wadepohl, Lutz H. Gade
Chemistry - A European Journal, **2008**, 14, 33, 10267–10279

JEOL JMS 700 with LIFDI

Reductive Activation of tripod Metal Compounds: Identification of Intermediates and Preparative Application†

Jürgen Mautz, Katja Heinze, Hubert Wadepohl and Gottfried Huttner
Eur. J. Inorg. Chem., 2008, 9, **2008**, 1413–1422,

JEOL JMS 700 with LIFDI

Reductive Activation of tripod Metal Compounds: Preparative Application

Jürgen Mautz and Gottfried Huttner
Eur. J. Inorg. Chem., 2008, 9, **2008**, 1423–1434,

JEOL JMS 700 with LIFDI

Competing C-F Activation Pathways in the Reaction of Pt(0) with Fluoropyridines: Phosphine-Assistance versus Oxidative Addition

Ainara Nova, Stefan Erhardt, Naseralla A. Jasim, Robin N. Perutz, Stuart A. Macgregor, John E. McGrady, and Adrian C. Whitwood
J. AM. CHEM. SOC. **2008**, 130, 15499–15511

GCT Premier with LIFDI

Molecular Ions of Ionic Liquids in the Gas Phase

Jürgen H. Gross
J. Am. Soc. Mass Spectrom., **2008**, 19, 1347–1352

JEOL JMS 700 with LIFDI

Synthesis and Catalytic Properties of Rhodium(I) and Copper(I) Complexes Bearing Dipyrido-Annulated N-Heterocyclic Carbene Ligands

Nonnenmacher, M.; Kunz, D.; Rominger, F.
Organometallics; **2008**; 27(7); 1561–1568

JEOL JMS 700 with LIFDI

Monovalent Iron in a Sulfur-Rich Environment

Michael T. Mock, Codrina V. Popescu, Glenn P. A. Yap, William G. Dougherty, and Charles G. Riordan
Inorg. Chem. **2008**, 47, 1889–1891

AutoSpec with LIFDI

Characterization of Athabasca Bitumen Heavy Vacuum Gas Oil Distillation Cuts by Negative/Positive Electrospray Ionization and Automated Liquid Injection Field Desorption Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry

Donald F. Smith, Parviz Rahimi, Alem Teclmariam, Ryan P. Rodgers, and Alan G. Marshall
Energy Fuels, **2008**, 22 (5), 3118–3125

FT-ICR-MS with LIFDI

Automated Liquid Injection Field Desorption/Ionization for Fourier Transform Ion Cyclotron Resonance Mass Spectrometry

Smith, D. F.; Schaub, T. M.; Rodgers, R. P.; Hendrickson, C. L.; Marshall, A. G.
Anal. Chem.; **2008**; 80(19); 7379–7382

FT-ICR-MS with LIFDI

Mono(cycloheptatrienyl) Tantalum Chemistry: Synthesis and Characterization of New Tantalum Halide, Hydride, and Alkyl Species

Wontae Noh and Gregory S. Girolami
Inorg. Chem.; **2008**; 47 (22), pp 10682–10691

Energy- and Electron-Transfer Processes in Corrole-Perylenebisimide-Triphenylamine Array

Mariusz Tasiór, Daniel T. Gryko, Jing Shen, Karl M. Kadish, Thomas Becherer, Heinz Langhals, Barbara Ventura, and Lucia Flamigni
J. Phys. Chem. C, **2008**, 112 (49), 19699–19709



Linden CMS

Auf dem Berge 25
D-28844 LEESTE
Germany
e-Mail linden @ FDMS.de
www.FDMS.de

Linden ChroMasSpec GmbH, Auf dem Berge 25, D-28844 LEESTE, Germany

Tel. +49 - 421 - 801 941

Syntheses and characterization of copper complexes with the ligand 2-aminoethyl(2-pyridylmethyl)-1,2-ethanediamine (apme)

Diana Utz, Sandra Kisslinger, Frank Hampel, Siegfried Schindler
Journal of Inorganic Biochemistry 102 (2008) 1236–1245

Precursors to [FeFe]-Hydrogenase Models: Syntheses of Fe₂(SR)₂(CO)₆ from CO-Free Iron Sources

Rauchfuss, T. B.; Boyke, C. A.; Volkers, P. I.; Chen, J.; Whaley, C. M.; Wilson, S. R.; Yao, H.
Inorg. Chem., 2008; 47(15); 7002-7008

Synthesis of Functional Inorganic–Organic Hybrid Polymers Based on Poly(silsesquioxanes) and Their Thin Film Properties

Kessler, D.; Theato, P.
Macromolecules; 2008; 41(14); 5237-5244

Design, Synthesis, and Biological Evaluation of Novel 3-Aryl-4-(1H-indole-3-yl)-1,5-dihydro-2H-pyrrole-2-ones as Vascular Endothelial Growth Factor Receptor (VEGF-R) Inhibitors

Peifer, C.; Selig, R.; Kinkel, K.; Ott, D.; Totzke, F.; Schächtele, C.; Heidenreich, R.; Rocken, M.; Schollmeyer, D.; Laufer, S.
J. Med. Chem.; 2008; 51(13); 3814-3824
MAT-95

Diastereoselective Routes to [Amino(σP):η6-(ansa-phosphinite)benzene] chlororuthenium(II) PF₆ Salts: Kinetic versus Thermodynamic Preferences

Immo Weber, Frank W. Heinemann, Walter Bauer, Stefano Superchi, Achim Zahl, Daniela Richter, and Ulrich Zenneck
Organometallics 2008, 27 (16), pp 4116–4125
MAT 212

Redox and Structural Properties of Mixed-Valence Models for the Active Site of the [FeFe]-Hydrogenase: Progress and Challenges

Aaron K. Justice, Luca De Gioia, Mark J. Nilges, Thomas B. Rauchfuss, Scott R. Wilson, and Giuseppe Zampella
Inorg. Chem. 2008, 47, 7405-7414

Conjugated Ladder-Type Heteroacenes Bearing Pyrrole and Thiophene Ring Units: Facile Synthesis and Characterization

Peng Gao, Xinliang Feng, Xiaoyin Yang, Volker Enkelmann, Martin Baumgarten, and Klaus Müllen
J. Org. Chem., 2008, 73 (23), 9207-9213

Molecular Weight Distributions of Asphaltenes and Deasphalted Oils Studied by Laser Desorption Ionization and Ion Mobility Mass Spectrometry

Chris Becker, Kuangnan Qian, and David H. Russell
Anal. Chem., 2008, 80 (22), 8592-8597

Programming Star-Mesogens toward the Formation of Columnar or Cubic Phases

Matthias Lehmann, and Michael Jahr
Chem. Mater., 2008, 20 (17), 5453-5456

The Formamidopyrimidine Derivative of 7-(2-Oxoethyl)-2#-deoxyguanosine

Plamen P. Christov, Ivan D. Kozekov, Carmelo J. Rizzo, and Thomas M. Harris
Chem. Res. Toxicol., 2008, 21 (9), 1777-1786

Potential Food Additives from *Carex distachya* Roots: Identification and in Vitro Antioxidant Properties

Antonio Fiorentino, Andreina Ricci, Brigida D'Abrosca, Severina Pacifico, Annunziata Golino, Marianna Letizia, Simona Piccolella, and Pietro Monaco
J. Agric. Food Chem., 2008, 56 (17), 8218-8225

Synthesis of New Glycerol-Based Hyperbranched Polycarbonates

Parzuchowski, P. G.; Jaroch, M.; Tryznowski, M.; Rokicki, G.
Macromolecules; 2008; 41(11); 3859-3865
MAT 8230

End Capping Ring-Opening Olefin Metathesis Polymerization Polymers with Vinyl Lactones

Hilf, S.; Grubbs, R. H.; Kilbinger, A. F.
J. Am. Chem. Soc.; 2008; 130 (33), 11040-11048
MAT 95

Flavonol Caffeoylglycosides as α-Glucosidase Inhibitors from *Spiraea cantoniensis* Flower

Yoshida, K.; Hishida, A.; Iida, O.; Hosokawa, K.; Kawabata, J.
J. Agric. Food Chem.; 2008; 56(12); 4367-4371
JEOL SX102A

Syntheses of Lambertellols and Their Stable Analogues; Investigation of the Real Active Species in the Mycoparasitism by *Lambertella* Species



Linden CMS

Auf dem Berge 25
D-28844 LEESTE
Germany
e-Mail linden @ FDMS.de
www.FDMS.de

Tel. +49 - 421 - 801 941

Linden ChroMasSpec GmbH, Auf dem Berge 25, D-28844 LEESTE, Germany
Nomiya, M.; Murakami, T.; Takada, N.; Okuno, T.; Harada, Y.; Hashimoto, M.
J. Org. Chem.; **2008**; 73(13); 5039-5047

A New Bis(1-naphthylimino)acenaphthene Compound and Its Pd(II) and Zn(II) Complexes: Synthesis, Characterization, Solid-State Structures and Density Functional Theory Studies on the syn and anti Isomers

Rosa, V.; Avilés, T.; Aullon, G.; Covelo, B.; Lodeiro, C.
Inorg. Chem.; **2008**; 47(17):7734-44

GCT

2'-Hydroxyflavylium: introducing flavanones into the flavylium network of chemical reactions

Vesselin Petrov, Raquel Gomes, A. Jorge Parola, Alexandre Jesus, César A.T. Laia, Fernando Pina
Tetrahedron 64 (2008) 714-720

GCT

Aromatic hydroxylation by molecular oxygen performed by mononuclear benzoato iron(II) complexes and preparation of new iron(III) complex with two minus ligand

Kiyoshi Fujisawa, Naoki Tada, Youichirou Nishida, Yoshitaro Miyashita, Ken-ichi Okamoto
Inorganic Chemistry Communications 11 (2008) 381-384

A Doxorubicin Prodrug Activated by the Staudinger Reaction

Remco van Brakel, Roland C. M. Vulders, Rembrandt J. Bokdam, Holger Gröll, and Marc S. Robillard
Bioconjugate Chem. **2008**, 19, 714-718
Jeol SX102

Flavonol Caffeoylglycosides as α -Glucosidase Inhibitors from *Spiraea cantoniensis* Flower

KAORI YOSHIDA, ATSUYUKI HISHIDA, OSAMU IIDA, KEIZO HOSOKAWA, AND JUN KAWABATA
J. Agric. Food Chem. **2008**, 56, 4367-4371
JEOL SX102A

Practical Synthesis of a Peptide Deformylase (PDF) Inhibitor

Yugang Liu, Mahavir Prashad, Lech Ciszewski, Kevin Vargas, Oljan Repic, and Thomas J. Blacklock
Organic Process Research & Development, **2008**,
GCT

Isolation and characterization of stable, distinctly bent, trans-chelated bisphosphine palladium(0) species

Thomas Schnetz, Marc Röder, Frank Rominger and Peter Hofmann
Dalton Trans., **2008**, 2238 - 2240

A Doxorubicin Prodrug Activated by the Staudinger Reaction

van Brakel, R.; Vulders, R. C. M.; Bokdam, R. J.; Gröll, H.; Robillard, M. S.
Bioconjugate Chem.; **2008**; 19(3); 714-718
Jeol SX102

Potential Food Additives from *Carex distachya* Roots: Identification and in Vitro Antioxidant Properties

Fiorentino, A.; Ricci, A.; D'Abrosca, B.; Pacifico, S.; Golino, A.; Letizia, M.; Piccolella, S.; Monaco, P.
J. Agric. Food Chem.; **2008**; 56 (17), 8218-8225

THE SEARCH FOR THE ORIGIN OF BITUMEN EXCAVATED FROM ARCHAEOLOGICAL SITES IN THE NORTHERNMOST ISLAND IN JAPAN BY MEANS OF STATISTICAL ANALYSIS OF FI-MS DATA*

K. KATO, A. MIYAO, J. ITO, N. SOGA, M. OGASAWARA
Archaeometry, 50, 6, **2008**, 1018-1033

A new rapid micro-method for the molecular-chemical characterization of rhizodeposits by field-ionization mass spectrometry

Peter Leinweber, Kai-Uwe Eckhardt, Holger Fischer, Yakov Kuzyakov
Rapid Commun. Mass Spectrom., 22, 8, 2008, 1230-1234

Desymmetrized Diiron Azadithiolato Carbonyls: A Step Toward Modeling the Iron-Only Hydrogenases

Jane L. Stanley, Zachariah M. Heiden, Thomas B. Rauchfuss, and Scott R. Wilson
Luca De Gioia and Giuseppe Zampella
Organometallics **2008** 27(1): 119-125
70-VSE