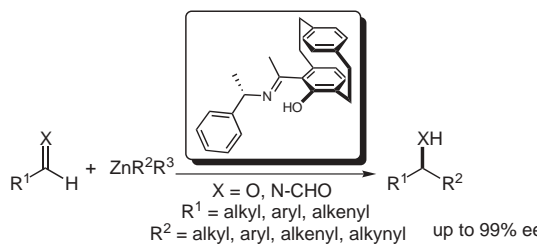


2647

Planar and Central Chiral [2.2]Paracyclophanes as Powerful Catalysts for Asymmetric 1,2-Addition Reactions

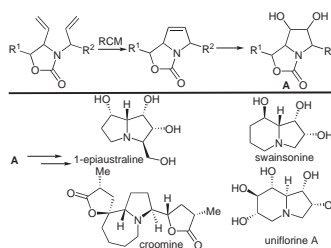
S. Bräse,* S. Dahmen,* S. Höfener, F. Lauterwasser, M. Kreis, R. E. Ziegert



2670

Asymmetric Synthesis of Polyfunctionalized Pyrrolidines and Related Alkaloids

S. G. Pyne,* A. S. Davis, N. J. Gates, J. P. Hartley, K. B. Lindsay, T. Machan, M. Tang



2681

Efficient Synthesis of Novel Polyfunctionalised 4,5'-Bithiazol-4'-ol Derivatives

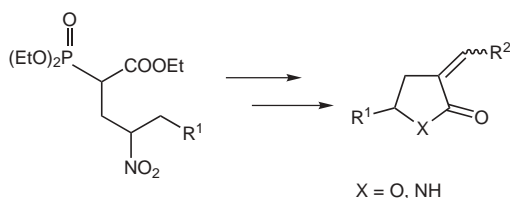
A. Arcadi, O. A. Attanasi, P. Filippone,* F. R. Perrulli, E. Rossi, S. Santeusano*



2685

2-Diethoxyphosphoryl-4-nitroalkanoates – Versatile Intermediates in the Synthesis of α -Alkylidene- γ -lactones and Lactams

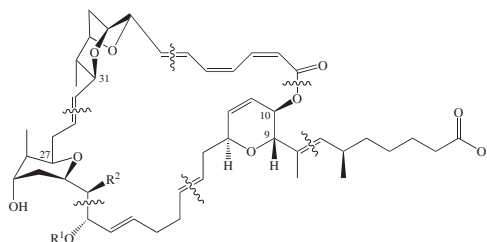
E. Błaszczuk, H. Krawczyk, T. Janecki*



2689

Studies toward the Total Synthesis of Sorangicins: Asymmetric Synthesis of the Key Fragments

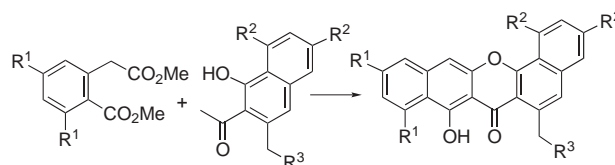
D. Schinzer,* C. Schulz, O. Krug



2693

An Anionic Polycondensation Strategy for the Synthesis of Dibenzoxanthenones: Progress Toward the Synthesis of Hypoxyxylone

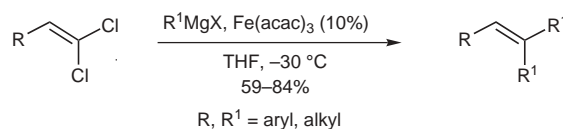
E. Chevenier, C. Lucatelli, U. Pandya, W. Wang, Y. Gimbert,*
A. E. Greene



2697

Iron-Catalyzed Coupling Reaction between 1,1-Dichloro-1-alkenes and Grignard Reagents

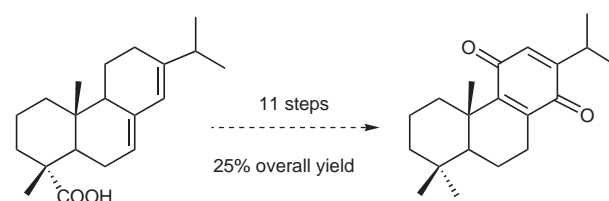
M. Dos Santos, X. Franck, R. Hocquemiller, B. Figadère,*
J.-F. Peyrat, O. Provot, J.-D. Brion, M. Alami*



2701

First Enantiospecific Synthesis of Antileishmanial 12-Deoxyroyleanone from Abietic Acid

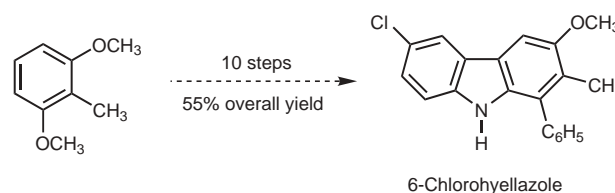
E. J. Alvarez-Manzaneda Roldán,* R. Chahboun, F. Bentaleb,
E. Cabrera Torres, E. Alvarez, A. Haidour, J. M. Ramos López,
R. Alvarez-Manzaneda Roldán, S. El Houssame



2705

Transition Metal Complexes in Organic Synthesis, Part 74: Total Synthesis of the Marine Alkaloid 6-Chloroyellazole

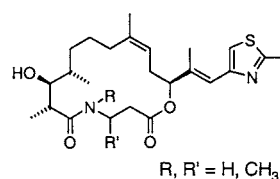
H.-J. Knölker,* W. Fröhner, R. Heinrich



2709

Synthesis of 4-Aza Analogs of Epothilone D

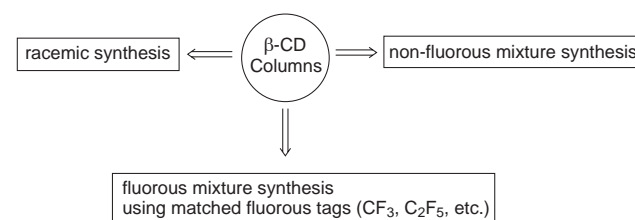
F. Cachoux, F. Schaal, A. Teichert, T. Wagner, K.-H. Altmann*



2713

β -Cyclodextrin Columns for Separation of Fluorous and Non-Fluorous Compounds: How To Use β -Cyclodextrin Columns in Fluorous Mixture Synthesis and Racemic Synthesis

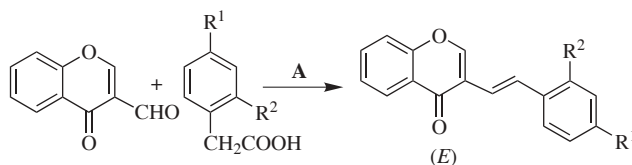
K. Mikami,* H. Matsuzawa, S. Tekeuchi,* Y. Nakamura,
D. P. Curran



2717

Condensation of Chromone-3-carboxaldehyde with Phenylacetic Acids: An Efficient Synthesis of (*E*)-3-Styrylchromones

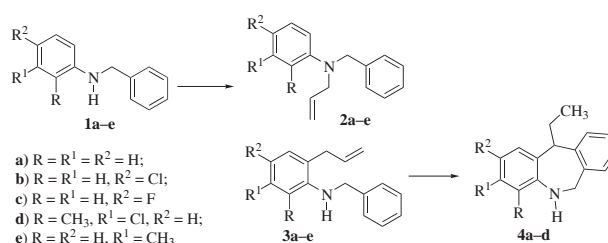
V. L. M. Silva, A. M. S. Silva,* D. C. G. A. Pinto,
J. A. S. Cavaleiro, T. Patonay



2721

New and Efficient Synthesis of 6,11-Dihydro-11-ethyl-5*H*-dibenz[*b,e*]azepine Derivatives Starting from *N*-Benzylanilines via Amino-Claisen and Friedel–Crafts Methodologies

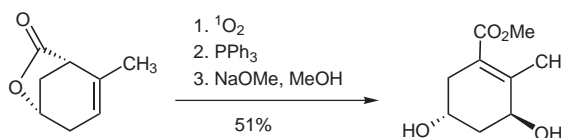
A. Palma, J. J. Barajas, V. V. Kouznetsov,* E. Stashenko,
A. Bahsas, J. Amaro-Luis



2725

Simple and Diastereoselective Synthesis of an A-Ring Precursor of Dihydroxyvitamin D₃ (Calcitriol) by Photooxygenation

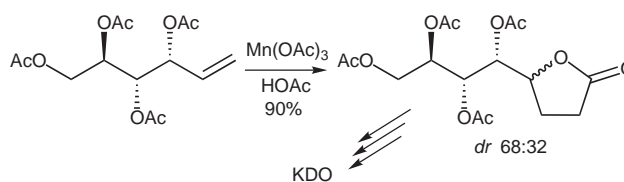
L. Fröhlich, T. Linker*



2728

Manganese(III)-Mediated Radical Reactions in Carbohydrate Chemistry: A New Route to 3-Deoxy-D-manno-oct-2-ulosonic Acid (KDO)

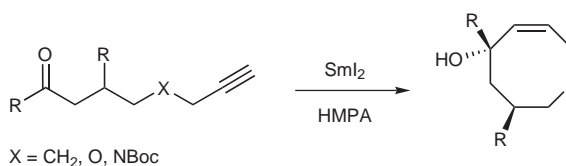
K. Hartmann, B. G. Kim, T. Linker*



2732

Samarium Diiodide in the Synthesis of Medium-Sized Rings – Carbocycles and Heterocycles by Intramolecular Addition of Samarium Ketyls to Alkynes

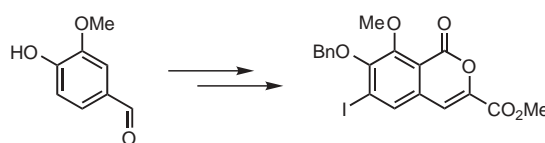
A. Hölemann, H.-U. Reissig*



2736

An Expedient and Short Synthesis of a 6-Iodo Isocoumarin Building Block for the Rubromycin Family and its First Palladium-Catalyzed Couplings

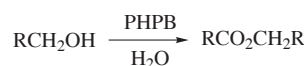
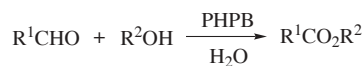
M. Brasholz, H.-U. Reissig*



2739

Esterification of Aldehydes and Alcohols with Pyridinium Hydrobromide Perbromide in Water

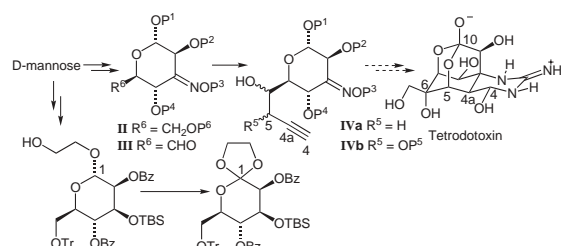
S. Sayama,* T. Onami



2746

Site-Selective Oxidation and Metal-Induced 2-Propynylation of Pyranose Derivatives en route to Tetrodotoxins

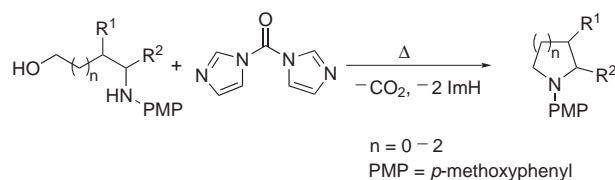
L. Ozores, F. Cagide, R. Alonso*



2751

A Mannich–Cyclization Approach for the Asymmetric Synthesis of Saturated *N*-Heterocycles

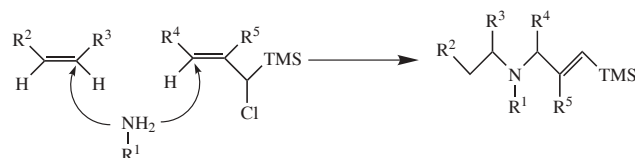
A. Münch, B. Wendt, M. Christmann*



2756

The Three-Component Joining Reaction of Primary Amines, Electron-Deficient Olefins, and α -Halogen-Substituted Allylsilanes Catalyzed by Copper(I) Chloride

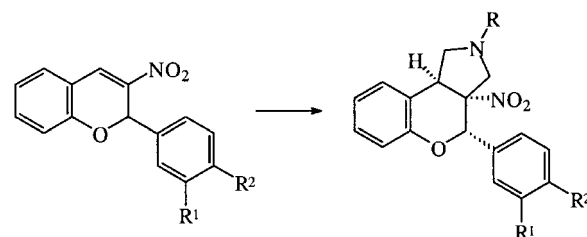
M. Kozuka,* A. Inoue, T. Tsuchida, M. Mitani*



2761

3-Nitrochromene Derivatives as 2 π Components in 1,3-Dipolar Cycloadditions of Azomethine Ylides

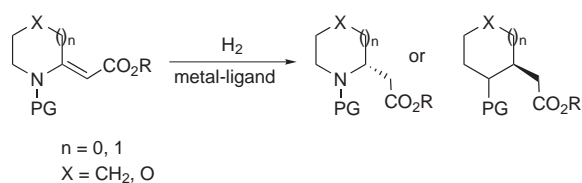
M. Nyerges,* A. Virányi, G. Marth, A. Dancsó, G. Blaskó, L. Tóke



2766

An Efficient Synthesis of Chiral Cyclic β -Amino Acids via Asymmetric Hydrogenation

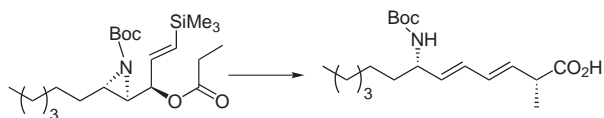
C. Pousset,* R. Callens, A. Marinetti, M. Larchevêque*



2771

An Efficient Stereoselective Synthesis of Substituted 1,3-Dienes

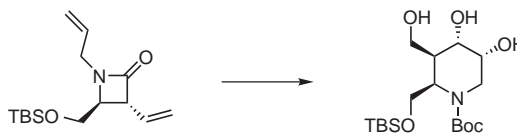
K. Oh, P. J. Parsons,* D. Cheshire



2776

A Convenient Route to Imino Sugars and Analogues of Siastatin B

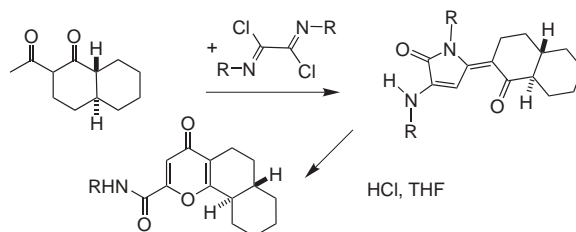
N. J. Birch, P. J. Parsons,* D. I. C. Scopes



2779

Efficient Synthesis of Functionalized 2-Carbamoylpyran-4-ones by Ring-Transformation of 5-Alkylidene-2,5-dihydropyrrol-2-ones

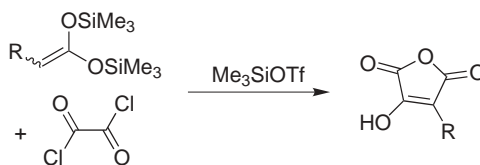
J. T. Anders, V. T. H. Nguyen, P. Langer*



2782

One-Pot Synthesis of 3-Hydroxymaleic Anhydrides by Cyclization of 1,1-Bis(trimethylsilyloxy)ketene Acetals with Oxalyl Chloride

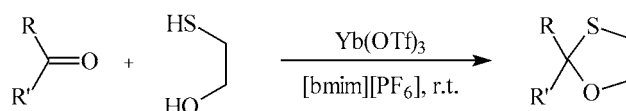
E. Ullah, P. Langer*



2785

Ytterbium(III) Triflate-Catalyzed Conversion of Carbonyl Compounds into 1,3-Oxathiolanes in Ionic Liquids

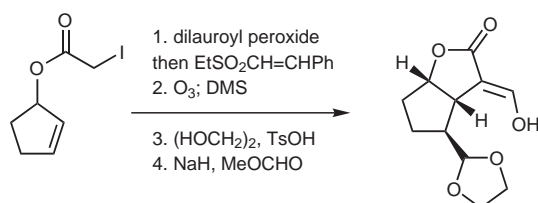
A. Kumar, N. Jain, S. Rana, S. M. S. Chauhan*



2788

An Approach to the Tricyclic Lactone Core of Brasoside and Related Natural Products

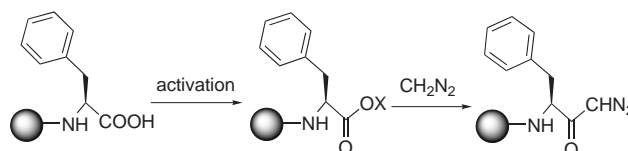
J. Robertson,* M. Ménard, R. Ford



2791

Synthesis of Chiral α -Amino-diazoketones on Solid Support: An Access to β -Homologated Amino Acid Derivatives

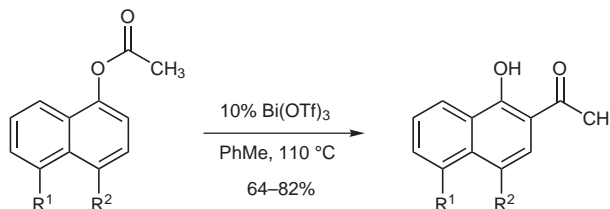
S. Cantel, J. Martinez, J.-A. Fehrentz*



2794

Bismuth Triflate-Catalyzed Fries Rearrangement of Aryl Acetates

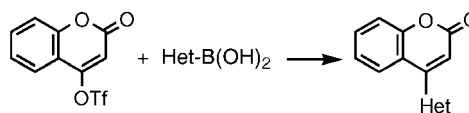
T. Ollevier,* V. Desyroy, M. Asim, M.-C. Brochu



2797

Synthesis of 4-Heteroaryl-Substituted Coumarins by Suzuki Cross-Coupling Reactions

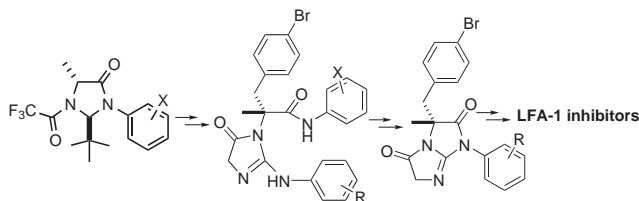
I. P. Beletskaya,* O. G. Ganina, A. V. Tsvetkov, A. Y. Fedorov, J.-P. Finet



2800

A Practical Synthesis of Highly Functionalized Fused 1,6-Dihydroimidazo-[1,2-a]imidazole-2,5-diones, Key Intermediates for LFA-1 Inhibitors

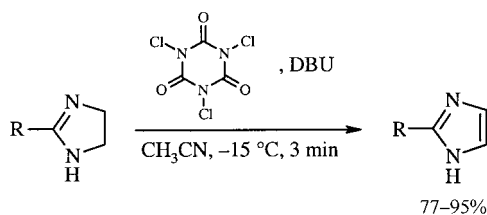
X.-j. Wang,* Y. Xu, L. Zhang, D. Krishnamurthy, L. Nummy, V. Farina, C. H. Senanayake



2803

Novel, Mild and Chemoselective Dehydrogenation of 2-Imidazolines with Trichloroisocyanuric Acid

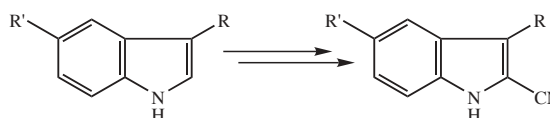
I. Mohammadpoor-Baltork,* M. A. Zolfigol, M. Abdollahi-Alibeik



2806

A Convenient Synthesis of 2-Cyano-3-Substituted Indoles

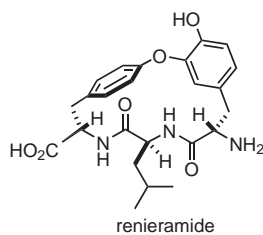
S. Denison, S. T. Hilton*



2809

Enantioselective Synthesis of Renieramide

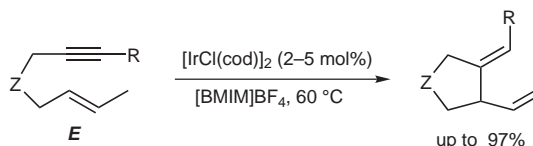
B. Lygo,* L. D. Humphreys



2812

Iridium Complex-Catalyzed Intramolecular Ene-Type Reaction of 1,6-Enynes Accelerated in Ionic Liquid

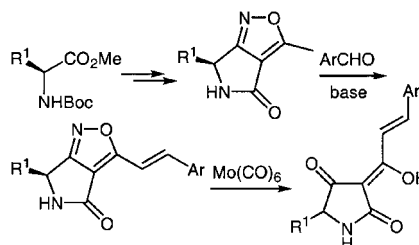
T. Shibata,* M. Yamasaki, S. Kadowaki, K. Takagi



2815

Pyrroloisoxazoles as a Building Block for 3-Enoyl-tetramic Acids

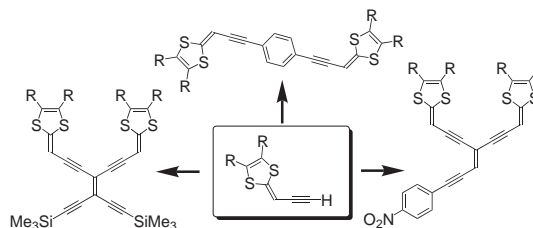
R. C. F. Jones,* T. A. Pillainayagam



2818

Cross-Coupling Reactions with Acetylenic Dithiafulvenes

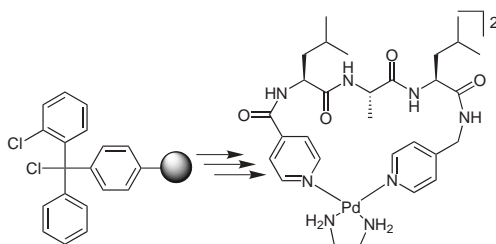
K. Qvortrup, A. S. Andersson, J.-P. Mayer, A. S. Jepsen, M. B. Nielsen*



2821

Solid-Phase Synthesis of a Double 4-Pyridinyl Terminated Leu-Ala-Leu Tripeptide and Macrocyclization by Palladium(II) Coordination

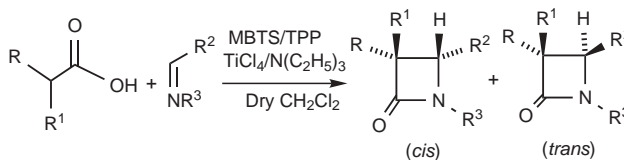
M. Albrecht,* P. Stortz, M. Engeser, C. A. Schalley



2824

2,2'-Dibenzothiazolyl Disulfide: A Versatile Reagent for the Synthesis of 2-Azetidinones

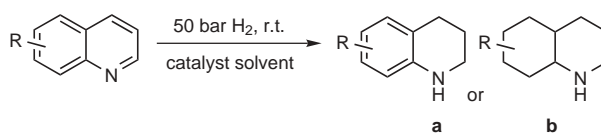
S. D. Sharma,* S. Kanwar



2827

Solvent Dependent Regioselective Hydrogenation of Substituted Quinolines

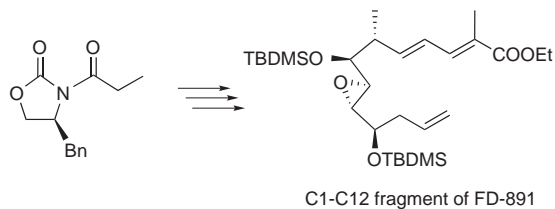
F. Fache*



2830

Stereoselective Synthesis of the C1-C12 Fragment of the Cytotoxic Macrolide FD-891

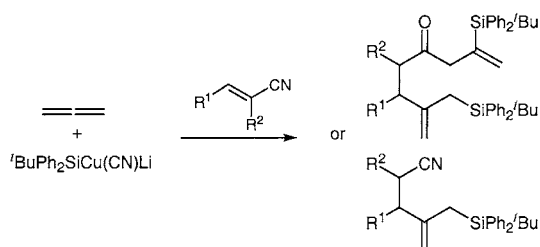
J. Murga, J. García-Fortanet, M. Carda,* J. A. Marco*



2833

Silylcupration of Allene with the Lower Order Cuprate (*t*-BuPh₂Si)CuCNLi and Reaction with α,β -Unsaturated Nitriles. An Unusual Diaddition Process Leading to Disilyl Functionalised Ketones

A. Barbero, Y. Blanco, H. Fernández, F. J. Pulido*



2836

Dimethyl 1,2,4,5-Tetrazine-3,6-dicarboxylate

Compiled by S. Naud

2838

Oxalic Acid: A Very Useful Brønsted Acid in Organic Synthesis

Compiled by K. Gopalaiah

Erratum

2840

Author Index 2004

2841

Author Index

- Abdollahi-Alibeik, M. 2803
 Alami, M. 2697
 Albrecht, M. 2821
 Alonso, R. 2746
 Altmann, K.-H. 2709
 Alvarez, E. 2701
 Alvarez-Manzaneda Roldán, E. J. 2701
 Alvarez-Manzaneda Roldán, R. 2701
 Amaro-Luis, J. 2721
 Anders, J. T. 2779
 Andersson, A. S. 2818
 Arcadi, A. 2681
 Asim, M. 2794
 Attanasi, O. A. 2681

 Bahsas, A. 2721
 Barajas, J. J. 2721
 Barbero, A. 2833
 Błaszczyk, E. 2685
 Beletskaya, I. P. 2797
 Bentaleb, F. 2701
 Birch, N. J. 2776
 Blanco, Y. 2833
 Blaskó, G. 2761
 Bräse, S. 2647
 Brasholz, M. 2736
 Brion, J.-D. 2697
 Brochu, M.-C. 2794

 Cabrera Torres, E. 2701
 Cachoux, F. 2709
 Cagide, F. 2746
 Callens, R. 2766
 Cantel, S. 2791
 Carda, M. 2830
 Cavaleiro, J. A. S. 2717
 Chahboun, R. 2701
 Chauhan, S. M. S. 2785
 Cheshire, D. 2771
 Chevenier, E. 2693
 Christmann, M. 2751
 Curran, D. P. 2713

 Dahmen, S. 2647
 Dancsó, A. 2761
 Davis, A. S. 2670
 Denison, S. 2806
 Desyroy, V. 2794
 Dos Santos, M. 2697

 El Houssame, S. 2701
 Engeser, M. 2821

 Fache, F. 2827
 Farina, V. 2800
 Fedorov, A. Y. 2797
 Fehrentz, J.-A. 2791
 Fernández, H. 2833
 Figadère, B. 2697
 Filippone, P. 2681
 Finet, J.-P. 2797
 Ford, R. 2788
 Franck, X. 2697
 Fröhlich, L. 2725
 Fröhner, W. 2705

 Ganina, O. G. 2797
 García-Fortanet, J. 2830
 Gates, N. J. 2670
 Gimbert, Y. 2693
 Gopalaiah, K. 2838
 Greene, A. E. 2693

 Haidour, A. 2701
 Hartley, J. P. 2670
 Hartmann, K. 2728
 Heinrich, R. 2705
 Hilton, S. T. 2806
 Hocquemiller, R. 2697
 Höfener, S. 2647
 Hölemann, A. 2732
 Humphreys, L. D. 2809

 Inoue, A. 2756

 Jain, N. 2785
 Janecki, T. 2685
 Jepsen, A. S. 2818
 Jones, R. C. F. 2815

 Kadowaki, S. 2812
 Kanwar, S. 2824
 Kim, B. G. 2728
 Knölker, H.-J. 2705
 Kouznetsov, V. V. 2721
 Kozuka, M. 2756
 Krawczyk, H. 2685
 Kreis, M. 2647
 Krishnamurthy, D. 2800

 Krug, O. 2689
 Kumar, A. 2785

 Langer, P. 2779, 2782
 Larchevêque, M. 2766
 Lauterwasser, F. 2647
 Lindsay, K. B. 2670
 Linker, T. 2725, 2728
 Lucatelli, C. 2693
 Lygo, B. 2809

 Machan, T. 2670
 Marco, J. A. 2830
 Marinetti, A. 2766
 Marth, G. 2761
 Martinez, J. 2791
 Matsuzawa, H. 2713
 Mayer, J.-P. 2818
 Ménard, M. 2788
 Mikami, K. 2713
 Mitani, M. 2756
 Mohammadpoor-Baltork, I. 2803
 Münch, A. 2751
 Murga, J. 2830

 Nakamura, Y. 2713
 Naud, S. 2836
 Nguyen, V. T. H. 2779
 Nielsen, M. B. 2818
 Nummy, L. 2800
 Nyerges, M. 2761

 Oh, K. 2771
 Ollevier, T. 2794
 Onami, T. 2739
 Ozores, L. 2746

 Palma, A. 2721
 Pandya, U. 2693
 Parsons, P. J. 2771, 2776
 Patonay, T. 2717
 Perrulli, F. R. 2681
 Peyrat, J.-F. 2697
 Pillainayagam, T. A. 2815
 Pinto, D. C. G. A. 2717
 Pousset, C. 2766
 Provot, O. 2697
 Pulido, F. J. 2833
 Pyne, S. G. 2670

 Qvortrup, K. 2818

 Ramos López, J. M. 2701
 Rana, S. 2785
 Reissig, H.-U. 2732, 2736
 Robertson, J. 2788
 Rossi, E. 2681

 Santeusanio, S. 2681
 Sayama, S. 2739
 Schaal, F. 2709
 Schalley, C. A. 2821
 Schinzer, D. 2689
 Schulz, C. 2689
 Scopes, D. I. C. 2776
 Senanayake, C. H. 2800
 Sharma, S. D. 2824
 Shibata, T. 2812
 Silva, A. M. S. 2717
 Silva, V. L. M. 2717
 Stashenko, E. 2721
 Stortz, P. 2821

 Takagi, K. 2812
 Tang, M. 2670
 Teichert, A. 2709
 Tekeuchi, S. 2713
 Töke, L. 2761
 Tsuchida, T. 2756
 Tsvetkov, A. V. 2797

 Ullah, E. 2782

 Virányi, A. 2761

 Wagner, T. 2709
 Wang, W. 2693
 Wang, X.-j. 2800
 Wendt, B. 2751

 Xu, Y. 2800

 Yamasaki, M. 2812

 Zhang, L. 2800
 Ziegert, R. E. 2647
 Zolfigol, M. A. 2803