

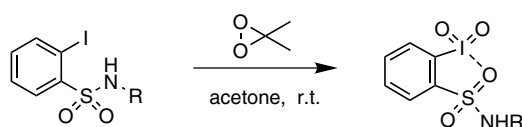
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COMMUNICATIONS

2-Iodoxybenzenesulfamides: new pseudobenziodoxole-based hypervalent iodine reagents

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Alexey Y. Koposov, Dmitry N. Litvinov and Viktor V. Zhdankin*

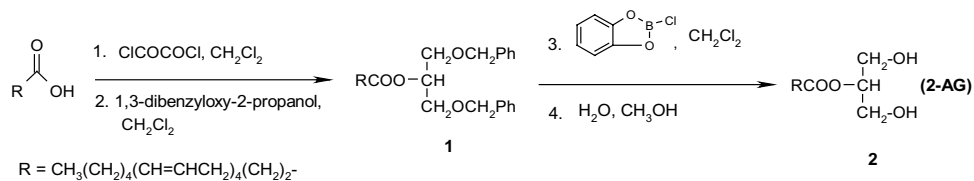


Amides of 2-iodoxybenzenesulfonic acid were prepared by the dioxirane oxidation of the corresponding 2-iodobzenesulfamides and isolated as stable, microcrystalline products. These new representatives of the pseudocyclic hypervalent iodine compounds can selectively oxidize benzyl alcohols to aldehydes.

Simplified chemical and radiochemical synthesis of 2-arachidonoyl-glycerol, an endogenous ligand of cannabinoid receptors

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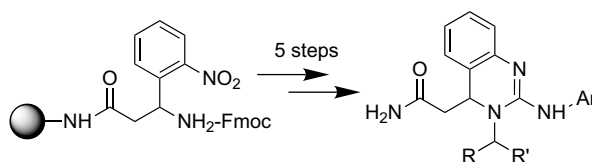
Antonella Cartoni,* Andrea Margonelli, Giancarlo Angelini, Alessandro Finazzi-Agrò and Mauro Maccarrone*



Solid-phase synthesis of 3-alkyl-2-arylamino-3,4-dihydroquinazolines

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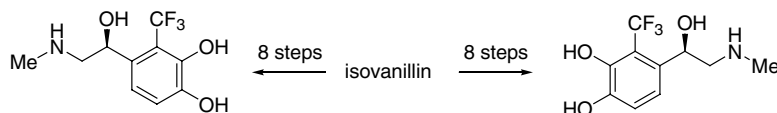
Aimin Song, Jan Mařík and Kit S. Lam*



Asymmetric synthesis of (*R*)- and (*S*)-2-trifluoromethylepinephrine

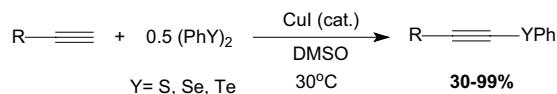
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Lun-Cong Dong, Michael Crowe, Jonathan West and Jeffrey R. Ammann*

**Short and efficient preparation of alkynyl selenides, sulfides and tellurides from terminal alkynes**

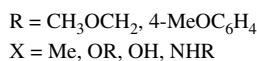
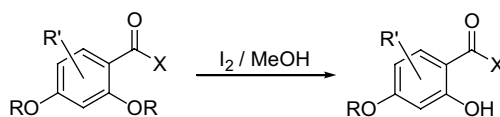
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Lothar W. Bieber,* Margarete F. da Silva and Paulo H. Menezes

**Selective *ortho*-cleavage of methoxymethyl- and 4-methoxybenzyl ethers**

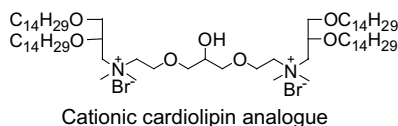
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**Synthesis of novel cationic cardiolipin analogues for the optimal delivery of therapeutic agents**

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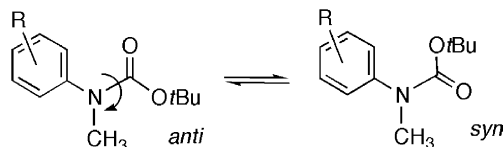
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Substituent effects on the barrier to carbamate C–N rotation

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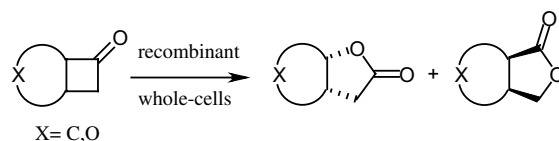
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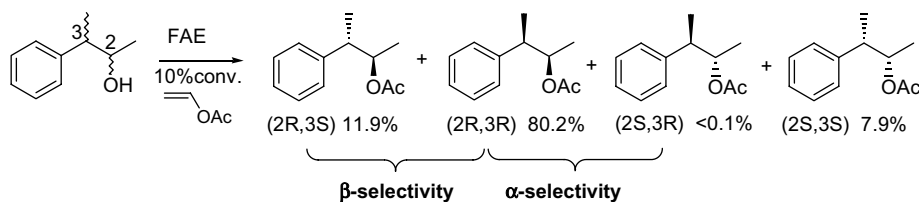
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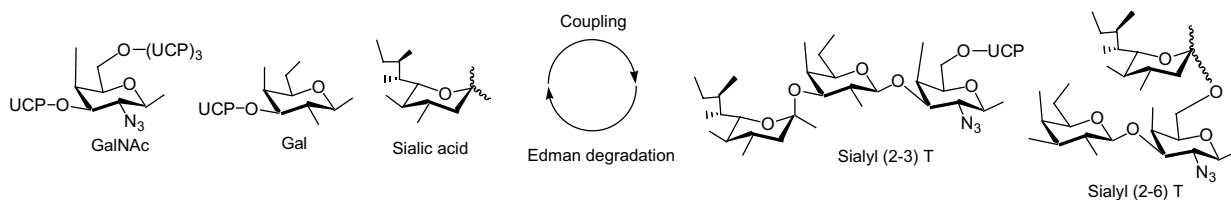
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A new oligosaccharide synthesis using special hydroxy protecting group

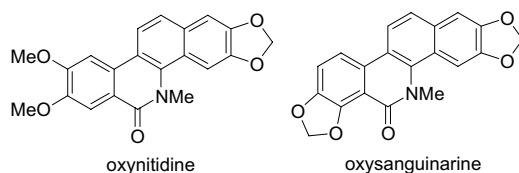
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Shiro Komba,* Motomitsu Kitaoka and Takafumi Kasumi*



A facile synthesis of benzo[*c*]phenanthridine alkaloids: oxynitidine and oxysanguinarine using lithiated toluamide–benzonitrile cycloaddition pp 2763–2766

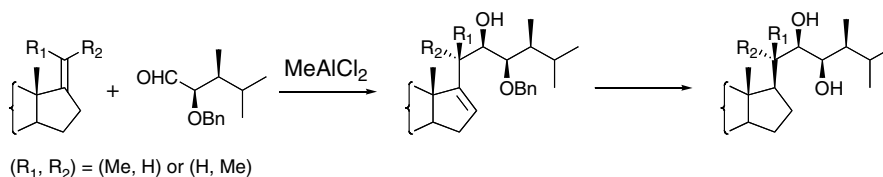
Thanh Nguyen Le, Seong Gyoung Gang and Won-Jea Cho*



Benzo[*c*]phenanthridine alkaloids oxynitidine and oxysanguinarine were efficiently synthesized via toluamide–benzonitrile cycloaddition reaction in six steps.

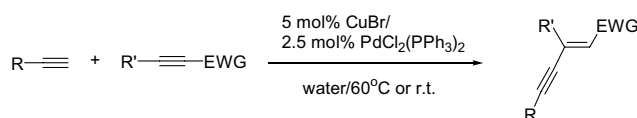
A simple synthesis of 6-deoxoteasterone and its 20-epimer pp 2767–2769

Bunta Watanabe, Shuji Yamamoto, Kanako Sasaki, Yoshiaki Nakagawa* and Hisashi Miyagawa



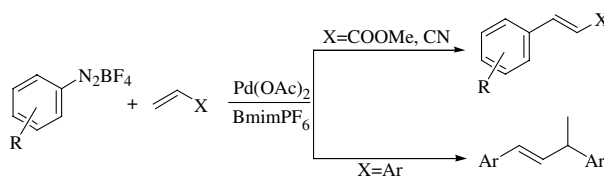
Facile and selective copper–palladium catalyzed addition of terminal alkynes to activated alkynes in water pp 2771–2774

Liang Chen and Chao-Jun Li*



Investigation of the behavior of arenediazonium salts with olefins in BmimPF₆ pp 2775–2777

George W. Kabalka,* Gang Dong and Bollu Venkataiah

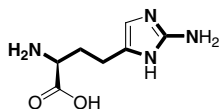


The palladium-catalyzed reactions of olefins with arenediazonium salts in ionic liquids were investigated. For methyl acrylate and methyl acrylonitrile, normal Heck cross-coupling products are obtained in good yields. However, highly selective dimerization products are formed in excellent yields for styrenes. The catalyst system can be recycled.

Synthesis of L-aminohomohistidine (L-Ahh)

pp 2779–2781

Manuel Friedel and Thomas Lindel*

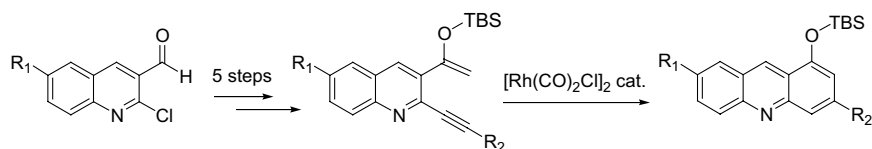


A short synthesis of L-aminohomohistidine (L-Ahh) is described, which starts from readily available δ -hydroxy-L-lysine. The embedding of the basic guanidino moiety in the aromatic imidazole lowers the basicity of the side chain to a pK_a of 8.3. It is proposed that L-Ahh may be employed as an arginine-mimetic in medicinal chemistry.

New methodology for acridine synthesis using a rhodium-catalyzed benzannulation

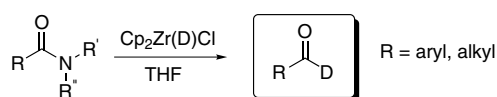
pp 2783–2786

Philippe Belmont,* Jean-Christophe Andrez and Charlotte S. M. Allan

**One-step facile synthesis of deuterium labeled aldehydes from tertiary amides using $Cp_2Zr(D)Cl$**

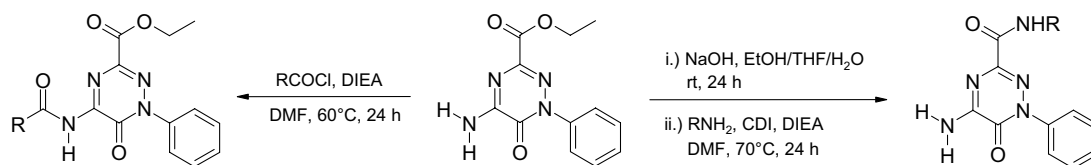
pp 2787–2789

Jared T. Spletstoser, Jonathan M. White and Gunda I. Georg*

**Preparation of 5-amino-6-oxo-1,6-dihydro[1,2,4]triazine-3-carboxylic acid derivatives and synthesis of compound libraries thereof**

pp 2791–2795

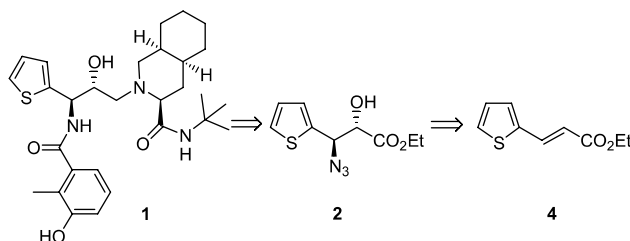
Romain Gambert, Christoph Kuratli and Rainer E. Martin*



Synthesis of a first thiophene containing analog of the HIV protease inhibitor nelfinavir

pp 2797–2799

Carlo Bonini,* Lucia Chiumminto, Margherita De Bonis, Maria Funicello and Paolo Lupattelli

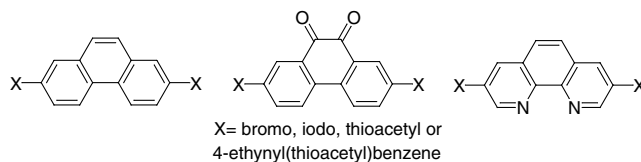


A stereoselective and efficient preparation of a thiophene containing intermediate **2** from ethyl 3-thienyl propenoate **4** as the core of new possible HIV protease inhibitors is described.

Synthesis of ladder polyaromatics as new molecular device candidates

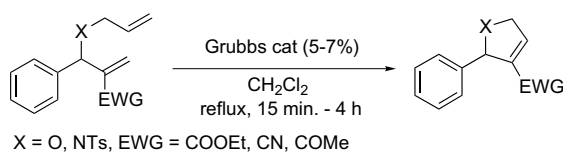
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Jacob W. Ciszek and James M. Tour*

**Ring-closing metathesis toward the synthesis of 2,5-dihydrofuran and 2,5-dihydropyrrole skeletons from Baylis–Hillman adducts**

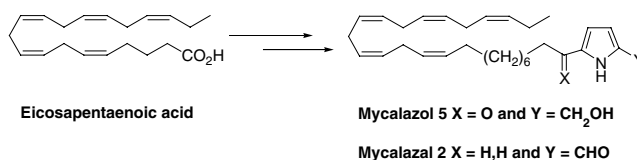
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Jeong Mi Kim, Ka Young Lee, Sangku Lee and Jae Nyoung Kim*

**Syntheses of two cytotoxic polyunsaturated pyrrole metabolites of the marine sponge *Mycale micracanthoxea***

pp 2809–2811

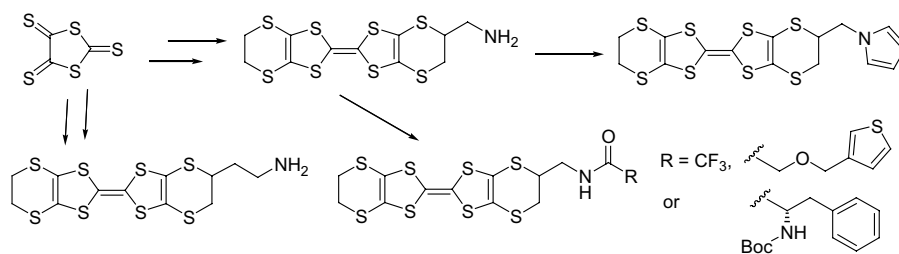
Trond Vidar Hansen* and Lars Skattebøl



Synthesis and reactivity of amino-substituted BEDT-TTF donors as building blocks for bifunctional materials

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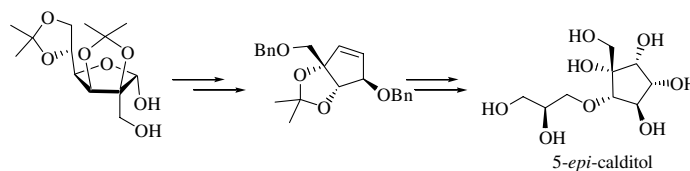
Jon-Paul Griffiths, Anna A. Arola, Glynn Appleby and John D. Wallis*



Synthesis of differentially protected cyclopentitol: its application towards the stereoselective synthesis of 5-*epi*-calditol

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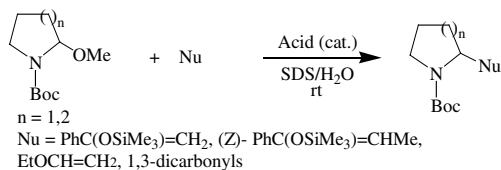
C. V. Ramana,* Bethi Sridhar Reddy and Mukund K. Gurjar



Addition of carbon nucleophiles to cyclic *N*-acyliminium ions in SDS/water

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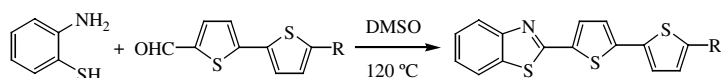
Nilton Soares Camilo and Ronaldo Aloise Pilli*



Synthesis of new fluorescent 2-(2',2''-bithienyl)-1,3-benzothiazoles

pp 2825–2828

Rosa M. F. Batista, Susana P. G. Costa and M. Manuela M. Raposo*

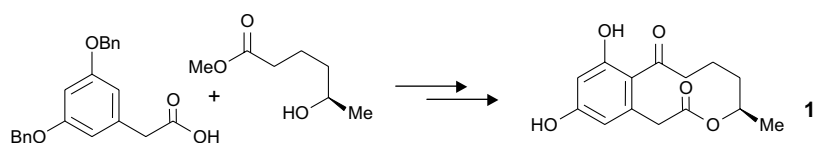


R= H, alkoxy, *N,N*-dialkylamino

Stereochemical assignment of the fungal metabolite xestodecalactone A by total synthesis

pp 2829–2831

Gerhard Bringmann,* Gerhard Lang, Manuela Michel and Markus Heubes

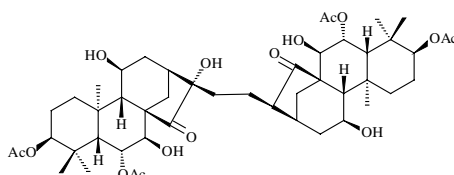


The fungal metabolite xestodecalactone A (**1**) has been synthesised as a racemate and in both enantiomeric forms. Comparison by CD spectroscopy and HPLC on a chiral phase showed the natural product to possess the (*R*)-configuration.

**Novel *ent*-kaurane dimers from *Isodon rubescens* var. *rubescens***

pp 2833–2837

Quanbin Han, Yang Lu, Lili Zhang, Qitai Zheng and Handong Sun*

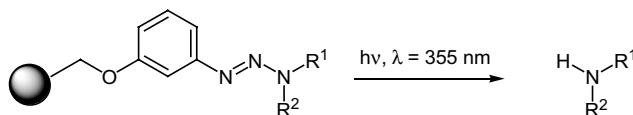


Three novel chiral *ent*-kaurane dimers, xindongnins M–O were isolated from *Isodon rubescens* var. *rubescens*, all characterized by the unique linkage of a single carbon–carbon bond between two subunits.

A triazene-based new photolabile linker in solid phase chemistry

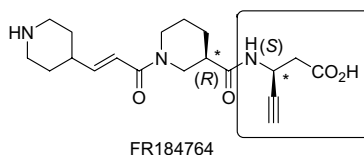
pp 2839–2841

Dieter Enders,* Christiaan Rijksen, Elke Bremus-Köbberling, Arnold Gillner and Johannes Köbberling

**An efficient synthesis of the orally-active GpIIb/IIIa antagonist FR184764**

pp 2843–2845

Toshio Yamanaka,* Mitsuru Ohkubo,* Fumie Takahashi and Masayuki Kato

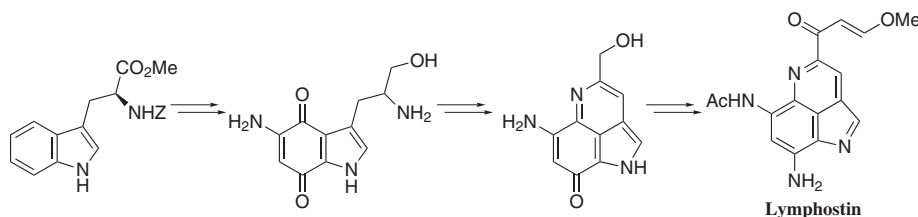


An efficient synthesis of the orally-active GpIIb/IIIa antagonist FR184764 was achieved. The key intermediate, an optically active ethynyl β -amino ester, was synthesized efficiently by utilizing a lipase catalyzed kinetic resolution step.

The first total synthesis of lymphostin

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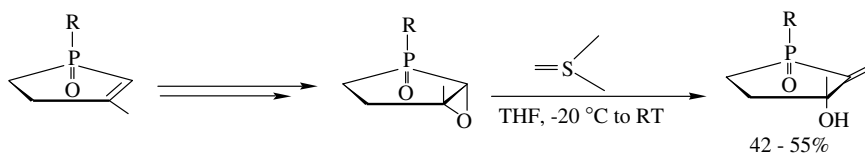
Kuniaki Tatsuta,* Keisuke Imamura, Sayaka Itoh and Soko Kasai



A novel conversion of erythro phospholane epoxides to one-carbon atom homologated allylic alcohols

pp 2851–2854

Valluru Krishna Reddy, Buchammagari Haritha, Tatsuo Oshikawa and Mitsuji Yamashita*



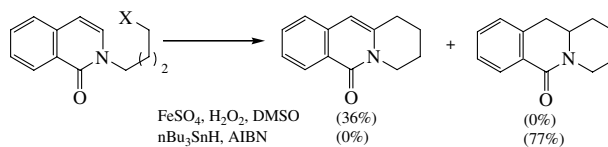
A novel method has been developed in the synthesis of C-2 homologated allylic alcohols of phospholane oxides from the corresponding erythro-2,3-epoxy-3-methylphospholane 1-oxides.



Radical cyclizations to quinolone and isoquinolone systems under oxidative and reductive conditions

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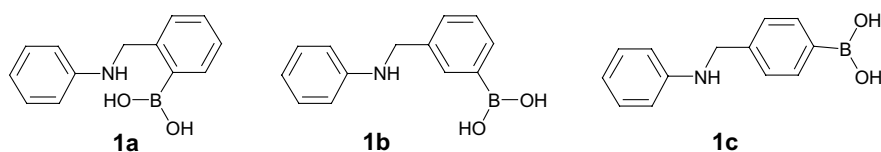
Yazmin M. Osornio,* Luis D. Miranda, Raymundo Cruz-Almanza and Joseph M. Muchowski*



The B–N bond controls the balance between locally excited (LE) and twisted internal charge transfer (TICT) states observed for aniline based fluorescent saccharide sensors

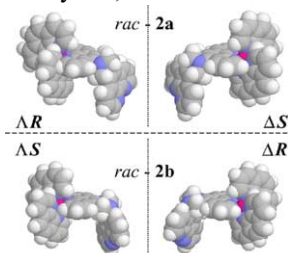
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Laurence I. Bosch, Mary F. Mahon and Tony D. James*



The diastereoisomeric forms of a mononuclear Ru(II) complex bearing a bis-phenanthroline Tröger's base pp 2863–2866

Carole Bresson, Michel Luhmer, Martine Demeunynck, Andrée Kirsch-De Mesmaeker and Frédéric Pierard*



Structural elucidation by ^1H NMR and passignment of the diastereoisomeric forms of a novel Ru(II) complex bearing a chiral 'V'-shaped Tröger's base is reported.

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*Corresponding author

+ Supplementary data available via ScienceDirect

COVER

At the heart of the total synthesis of lymphotoxin, a novel immunosuppressant, are six kinds of regioselectively oxidative reactions from tryptophan. See *Tetrahedron Letters* **2004**, 45, 2847–2850.

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