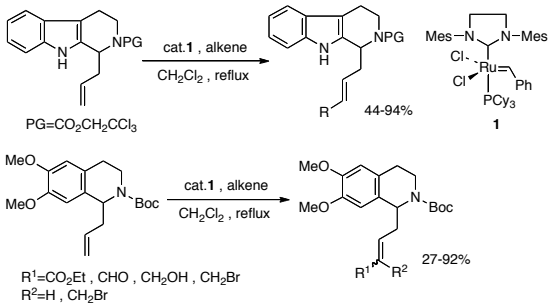
■ COMMUNICATIONS

1283 **Cross-Metathesis Reaction of 1-Allylated β-Carboline and Isoquinoline Derivatives**

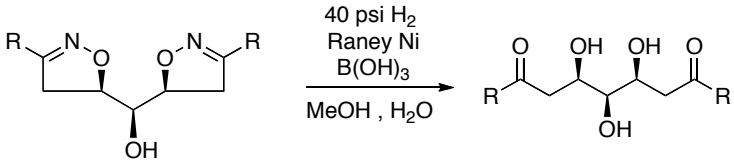
Shigeru Nakamura, Hiromi Fukuoka, Takashi Itoh, Kazuhiro Nagata, and Akio Ohsawa*



Grubbs' Catalyst Cross-Metathesis Tetrahydro-β-carboline Tetrahydroisoquinoline Functionalized Olefin

1289 **Double Diastereoselective Synthesis of *syn,syn*-Bis(1,2-isoxazolin-5-yl)methanol and *syn,syn,syn*-1,2-Bis(1,2-isoxazol-5-yl)ethane-1,2-diols: Facile Route for the Synthesis of Polyols**

Zaesung No, Min Jung Seo, Jung Ki Kim, Bo Gan Song, Bum Suk Son, and Hyoung Rae Kim*

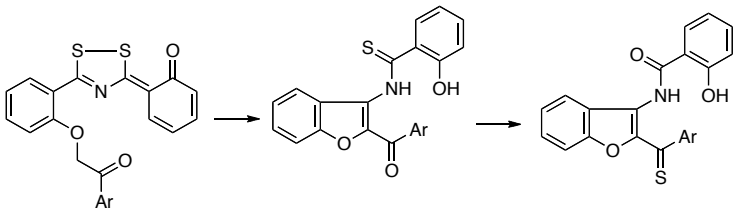


1,3-Dipolar Cycloaddition Nitrile Oxide Isoxazoline Magnesium Chelation Polyol

■ PAPERS

1295 **Synthesis and Conversion of 3-(2-Hydroxythiobenzamido)benzo[*b*]furans**

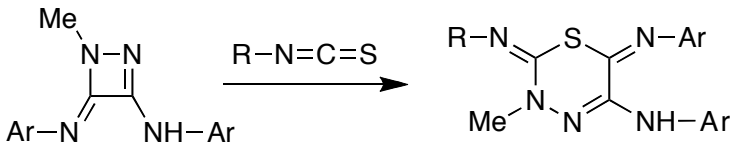
Detlef Briel*



1,2,4-Dithiazole Salicylamide Salicylthioamide 3-Thiosalicyloxylaminobenzofuran

1311 **1,2-Diazetines as Useful Tools for Ring Transformation Reactions with Isothiocyanates – A New Entry to 1,3,4-Thiadiazines**

Manfred Döring, Helmar Görls, Olaf Walter, Daniela Pufky, Ernst Anders, Ariadna Batista, Stephan Schenk, Jennie Weston, Anja Darsen, Jan Fleischhauer, and Rainer Beckert*

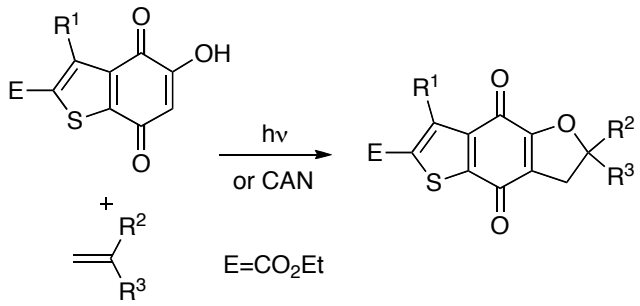


Ar=4-MeC_6H_4 , 4-$MeOC_6H_4$
R=Me , Et , Ph , CH_2Ph , $CH_2CH{=}CH_2$, CH_2CO_2Et

1,2-Diazetine Isothiocyanate 1,3,4-Thiadiazine Ring Transformation DFT-Calculation

1321 **Synthesis of Thienobenzofuranquinone Derivatives by Photoinduced and CAN-mediated 3+2-Type Cycloaddition Reactions**

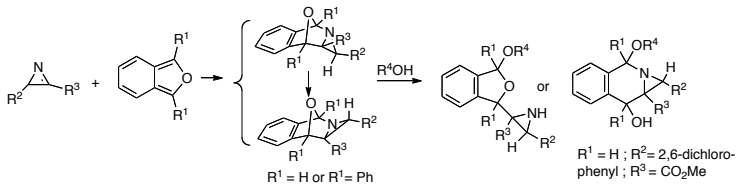
Hisatoshi Konishi, Osamu Morikawa, Kazutaka Hayashi, Keiichi Yoneda, and Kazuhiro Kobayashi*



Cerium(IV) Ammonium Nitrate Cycloaddition Photoreaction Thienobenzofuranquinone Thiophene

1329 **Synthesis of 1,3,8,8a-Tetrahydro-3,8-epoxyazirino-[1,2-*b*]isoquinolines and Their Reactions with Oxygen Nucleophiles**

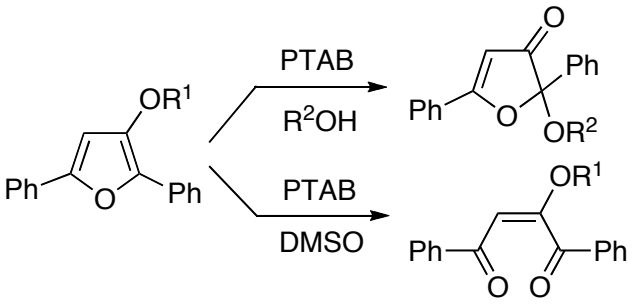
A. Gil Fortes, Nuno G. Azoia, and M. José Alves*



2*H*-Azirine Isobenzofuran Diels-Alder Reaction Tetrahydroisoquinoline

1347 **Convenient Transformation of 3-Alkoxyfurans to 2-Alkoxy-3-furanones or *cis*-2-Alkoxy-2-butene-1,4-diones with Phenyltrimethylammonium Tribromide**

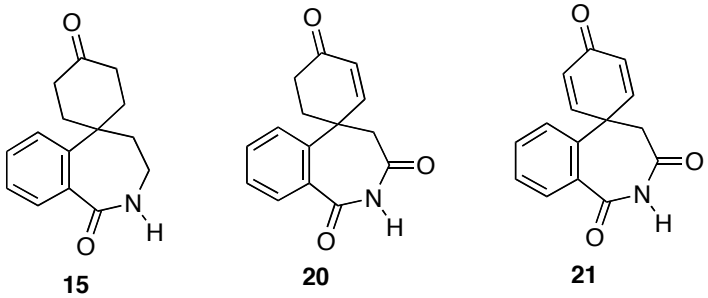
Shinsei Sayama*



Oxidation Alkoxyfuran Ammonium Tribromide

1359 **Synthesis of Spiro-substituted Benzo[*c*]azepinones**

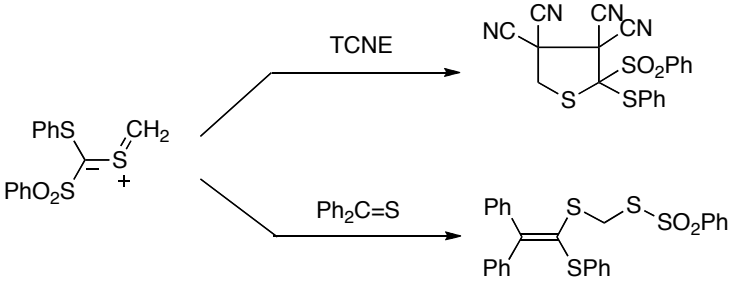
Lajos Szabó, Viktor Háda, Csaba Szántay Jr., László Hazai, Álmos Gorka-Kereskényi, and Csaba Szántay*



Spiro-substituted Benzo[*c*]azepinone Cyclohexenone Cyclohexadienone Azepindione

1373 **Generation and [2+3] Cycloadditions of a Sulfonylated Thiocarbonyl *S*-Methanide**

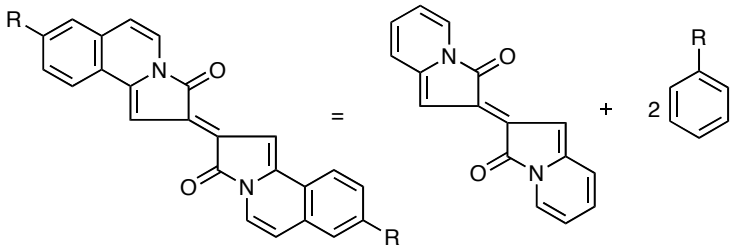
Anthony Linden, Grzegorz Mloston, Magdalena Sobieraj, Katarzyna Urbaniak, and Heinz Heimgartner*



Cycloaddition 1,3-Dipole Rearrangement Thiocarbonyl *S*-Methanide Thioketone

1385 **Preparation and Properties of Dehydrotrichotomine-type Dyes: A New Near-Infrared Absorbing Indigoid**

Rika Sekine, Tomoaki Tanaka, Keitaro Kawakita, Kimiaki Shiratori, Hiroyuki Hashimoto, and Hajime Irikawa*



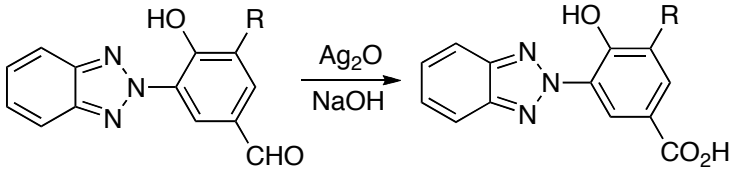
E = *t*-Bu, *n*-C_8H_{17}

Absorption Spectra Conjugation Effect Basic Chromophore Trichotomine

■ NOTES

1393 **Synthesis of New Ultraviolet Light Absorbers Based on 2-Aryl-2*H*-benzotriazoles**

Olga Igglessi-Markopoulou, Aristides G. Koutsimpelis, and Constantinos G. Screttas*

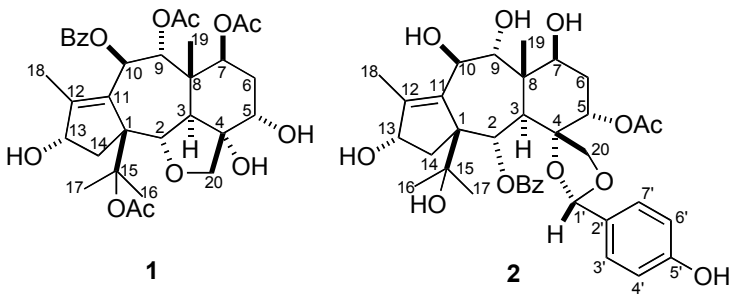


R = H, *t*-Bu

Stabilizing Additive Oxidation Polyester Fiber

1403 **Two New Taxoids from the Needles and Stems of *Taxus chinensis***

Han-Dong Sun, Rong-Tao Li, Li-Yan Peng, Zhi-Hua Xia, and Qin-Shi Zhao*

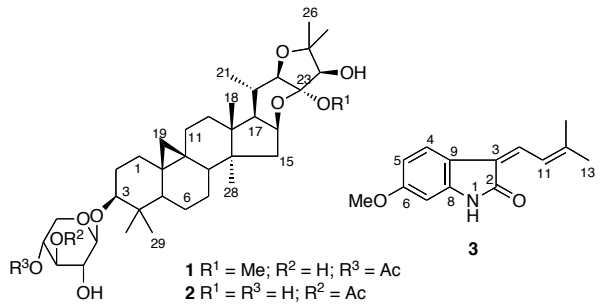


1 **2**

Taxus Taxoid Isolation Structure Elucidation

1409 **Two New Cycloartane Triterpene Glycosides and a New Alkaloid from *Souliea vaginata***

Guang-Zhong Tu, Xu-Dong Xu, Jian-Hua Zou, Xia Wu, Jun-Shan Yang, and Liang Zhou*

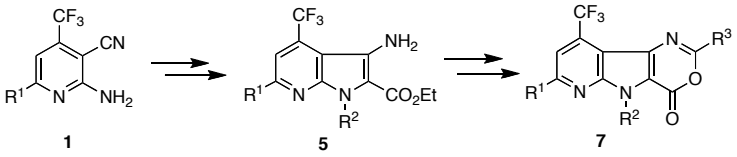


1 R^1 = Me; R^2 = H; R^3 = Ac
2 R^1 = R^3 = H; R^2 = Ac
3

Souliea Soulieoside D Soulieoside E Soulieotine Ranunculaceae

1415 **Multistep Synthesis of Pyrido[3',2':4,5]pyrrolo[3,2-*d*]-[1,3]oxazin-4(5*H*)-one from 2-Aminonicotinonitriles**

Pamulaparty S. Rao, Ghojala V. Reddy, Dravidum Maitraie, Sribhashyam R. Kanth, and Banda Narsaiah*

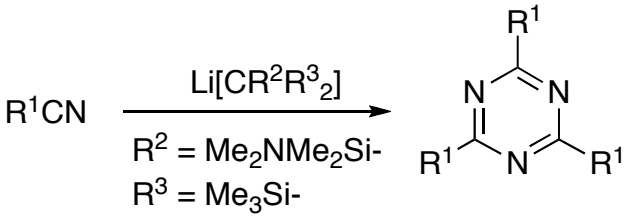


R^1=Ph , *p*-ClC_6H_4 , *p*-MeC_6H_4
R^2=Me , Et , Ph , $CH_2C_6H_5$
R^3=Me , CF_3

Sandmeyer Reaction Thorpe-Ziegler Reaction Ethyl α-Bromoacetate Azaindole

1425 **Reactions of Bis(silyl-substituted) Methyllithium with α-Hydrogen-free Nitriles into 1,3,5-Triazines**

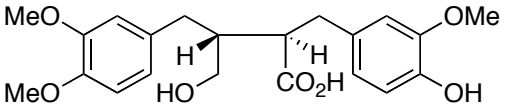
Dian-Sheng Liu, Li Wang, Sheng-Di Bai, and Xia Chen*



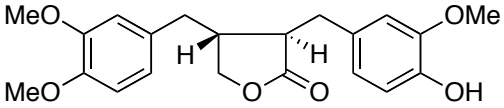
Triazine Silicotropic Rearrangement Catalyst Elimination Addition

1431 **Isolation and Identification of Potent Stimulatory Allelopathic Substances Exuded from Germinating Burdock (*Arctium lappa*) Seeds**

Koji Hasegawa, Hideyuki Shigemori, Keiko Higashinakasu, and Kosumi Yamada*



arctigenic acid

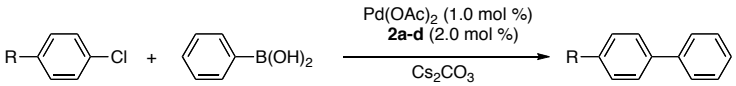


arctigenin

Allelopathy Arctigenic Acid Arctigenin Burdock Seed Germination

1439 **1,4,5,6-Tetrahydropyrimidinium Halides Ligands for Suzuki-Miyaura Cross-Coupling of Unactivated Aryl Chlorides**

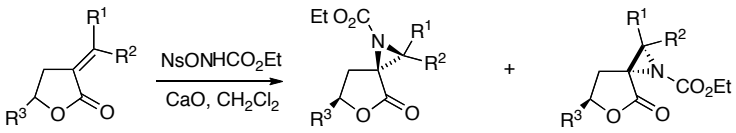
Bülent Alıcı, Ismail Özdemir,* Nevin Gürbüz, Engin Çetinkaya, and Bekir Çetinkaya



1,4,5,6-Tetrahydropyrimidine Suzuki Coupling Homogeneous Catalyst *N*-Heterocyclic Carbene Palladium

1447 **Spiroaziridines from 4-Substituted α-Ylidene-γ-butyro Lactones**

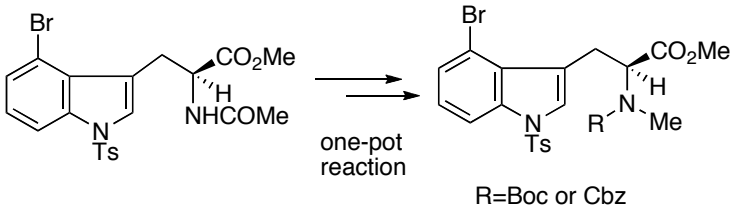
Paolo A. Tardella, Antonella Migliorini, Tecla Gasperi, and M. Antonietta Loreto*



Spiroaziridine γ-Butyrolactone Amino Lactone Stereoselectivity Amino Acid

1455 **An Improved Synthesis of Optically Pure (*R*)-4-Bromo-*N*-methyl-1-tosyltryptophan Derivative, a Key Intermediate in the Synthesis of Ergot Alkaloids**

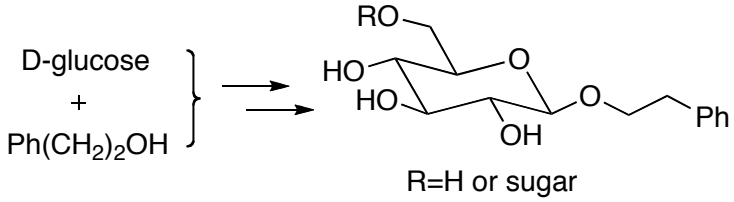
Hiroaki Okuno, Yasuoki Murakami, Nahoko Kato, Ryoko Hara, and Yuusaku Yokoyama*



Lysergic Acid 4-Bromotryptophan *N*-Methylation Methyl Trifluoromethansulfonate 2,6-Di-*tert*-butyl-4-methylpyridine

1461 **Chemoenzymatic Synthesis of Naturally Occurring Phenethyl (1→6)-β-D-Glucopyranosides**

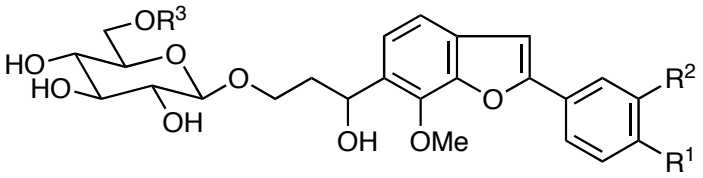
Yoshiteru Ida, Keisuke Kato, Mikio Fujii, Miho Nishiuchi, Eiji Kawahara, and Hiroyuki Akita*



β-Glycosidase Immobilized Enzyme β-Glycosidation Phenethyl β-D-Glucopyranoside Natural Product Synthesis

1471 **New Nor-neolignan Glycosides from *Styrax obassia* (Styracaceae)**

Shintaro Narimatsu, Yasuhiro Haga, and Takeshi Kinoshita*

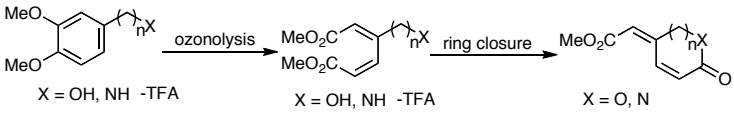


$R^1 = R^2 = OMe$; $R^3 = H$; obassioside A
R^1, $R^2 = OCH_2O$; $R^3 = H$; obassioside B
R^1, $R^2 = OCH_2O$; $R^3 = \beta$-xyl ; obassioside C

Styrax obassia Styracaceae Nor-neolignan Glycoside

1481 **Ring Transformation of Dimethoxybenzenes to Heterocycles by Ozonolysis**

Kimiaki Isobe, Mitsuru Satoh, Yuka Shinozuka, Satoshi Ichikawa, Yuki Yoshida, and Kunihiko Mohri*

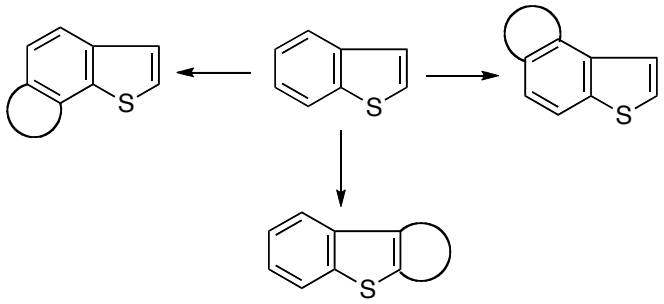


Oxidative Cleavage Unsaturated Lactone Dilactone Pyridone

■ REVIEW

1491 Synthesis of Polynuclear Aromatic Compounds Incorporating a Fused Thiophene Ring

Tarun Kanti Pradhan and Asish De*



Sulfur Heterocycle Annulation Reaction Benzo[*b*]thiophene Directed Metalation Anionic Rearrangement

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

1515 Polyketides
1521 Aromatics
1522 Terpenes
1526 Steroids
1527 Alkaloids
1540 Miscellaneous

■ ANNAOUNCEMENT

1549 The Sevens Frolida Heterocyclic Conference