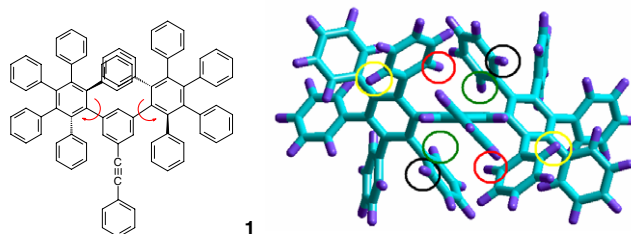


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The rotation of pentaphenylphenyl groups and their terminal phenyl groups: a variable-temperature  $^1\text{H}$  NMR study on an albatrossene and a three-bladed molecular propeller pp 2655–2659

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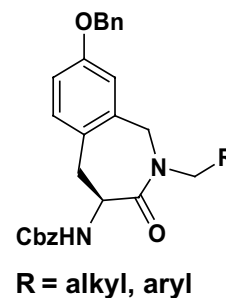


Enantioselective synthesis of aminobenzazepinones

pp 2661–2665

C. V. C. Prasad,\* Stephen E. Mercer, Gene M. Dubowchik and John E. Macor

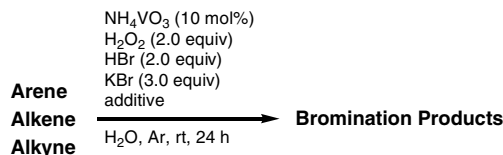
Constrained *trans*-aminobenzazepinones (**8a–e**) were synthesized through a tandem palladium-mediated Jeffery–Heck reaction and rhodium(II) catalyzed asymmetric hydrogenation. Diverse functionalities were introduced at the amino terminus of aminobenzazepinone with minimal racemization.



An efficient vanadium-catalyzed bromination reaction

pp 2667–2670

Toshiyuki Moriuchi, Mitsuaki Yamaguchi, Kotaro Kikushima and Toshikazu Hirao\*

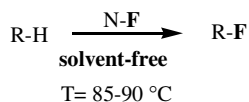


An environmentally harmonic catalytic oxidative bromination of arenes, alkenes, and alkynes in aqueous media was achieved under relatively mild conditions by using  $\text{NH}_4\text{VO}_3$  catalyst combined with  $\text{H}_2\text{O}_2$ , HBr, and KBr. Dodecyltrimethylammonium bromide was found to serve as an efficient surfactant to facilitate the  $\text{NH}_4\text{VO}_3$ -catalyzed bromination in aqueous media.

**Solvent-free fluorination of organic compounds using N-F reagents**

pp 2671–2673

Gaj Stavber, Marko Zupan and Stojan Stavber\*



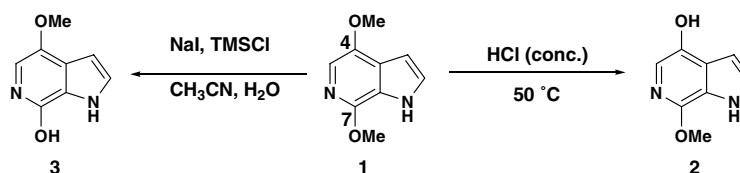
R= 1,3-dicarbonyls  
 R= enol acetates of ketones  
 R= activated aromatics

Efficient fluorination of 1,3-dicarbonyl compounds, enol acetates and activated aromatic molecules was achieved under solvent-free conditions using Selectfluor™ F–TEDA–BF<sub>4</sub> or Accufluor™ NFSi as fluorinating agents.

**Surprising selectivity in the transformation of dimethoxy azaindoles**

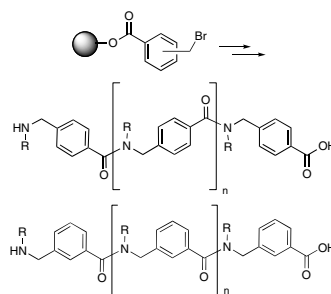
pp 2675–2677

Kirsten Gesenberg,\* Prashant P. Deshpande, Annie Pullockaran, Feng Xu, Dedong Wu, Qi Gao, Charles Pathirana, John Castoro, Nachimuthu Soundararajan and Andrew Staab

**Extended peptoids: a new class of oligomers based on aromatic building blocks**

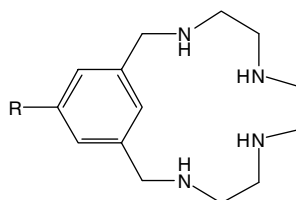
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David J. Combs and R. Scott Lokey\*

**Synthesis of an azacrown template for phosphatidylinositol-4,5-bis(phosphate) recognition**

pp 2683–2686

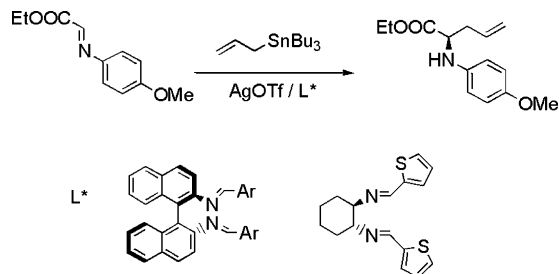
Charles W. Gray, Jr., Kathleen Barry, Eric J. Lindberg and Todd A. Houston\*



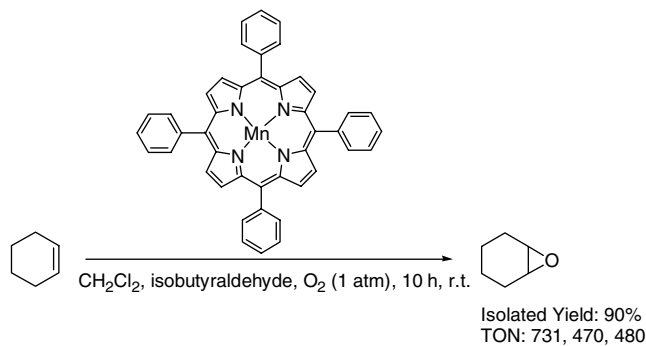
A symmetrical azacrown template has been designed and synthesized in neutral and cationic forms for PIP<sub>2</sub> recognition at membrane interfaces.



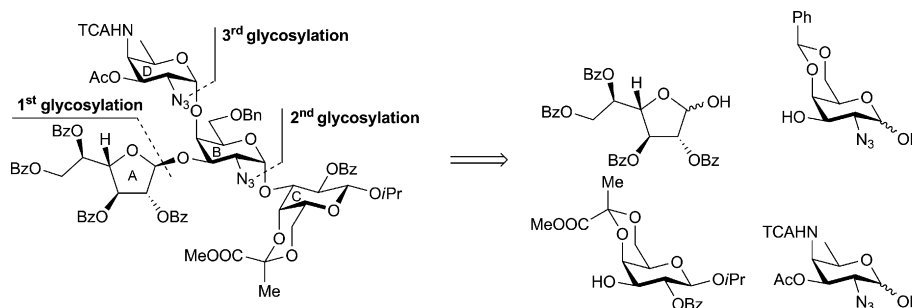
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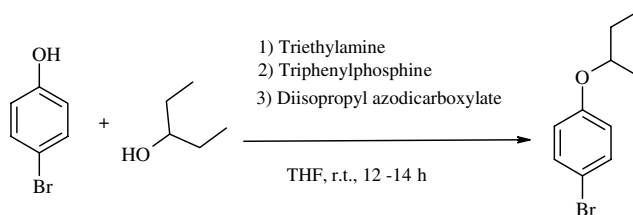
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**Base catalyzed Mitsunobu reactions as a tool for the synthesis of aryl *sec*-alkyl ethers** pp 2701–2705  
 Pitchai Manivel, Neithnadka Premsai Rai, Vaderapura Puttaramgowda Jayashankara and Pirama Nayagam Arunachalam\*



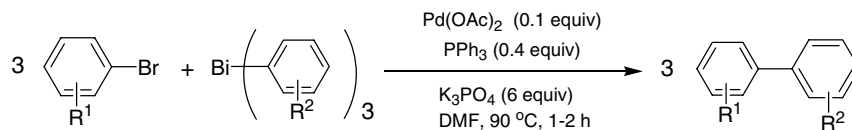
A facile and versatile method for the synthesis of aryl *sec*-alkyl ethers from phenols with alcohols in the presence of base via a Mitsunobu reaction is described.



**Palladium catalyzed atom-efficient cross-coupling reactions of triarylbismuths with aryl bromides**

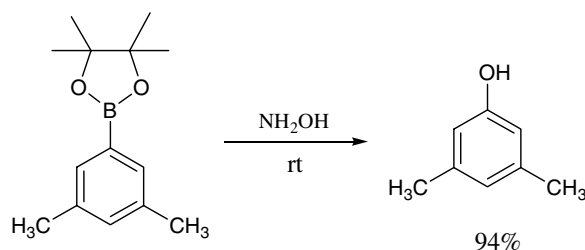
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**A mild conversion of arylboronic acids and their pinacolyl boronate esters into phenols using hydroxylamine**

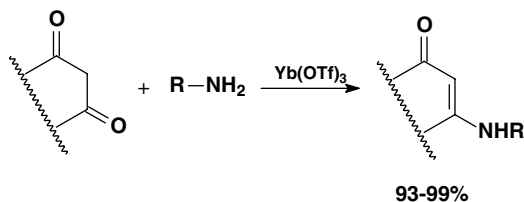
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Ebrahim Kianmehr,\* Maryam Yahyaee and Katayoun Tabatabai

**Ytterbium triflate catalyzed synthesis of  $\beta$ -enaminones**

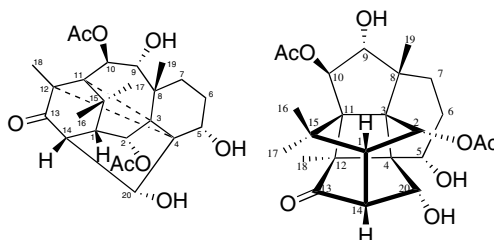
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**Canatxpropellane, a novel taxane with a unique polycyclic carbon skeleton (tricyclotaxane) from the needles of *Taxus canadensis***

pp 2721–2724

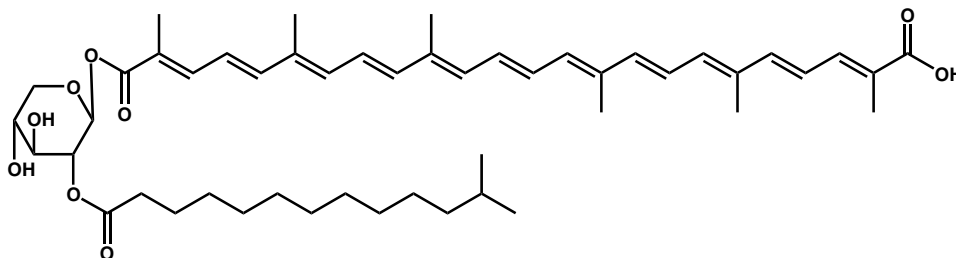
Chang-Hong Huo, Xiao-Hui Su, Yu-Fang Wang, Xi-Ping Zhang, Qing-Wen Shi\* and Hiromasa Kiyota\*



The tricyclotaxane is the first example of a 5/5/4/6/6/6-membered ring carbon skeleton containing a unique [3.3.2]propellane.

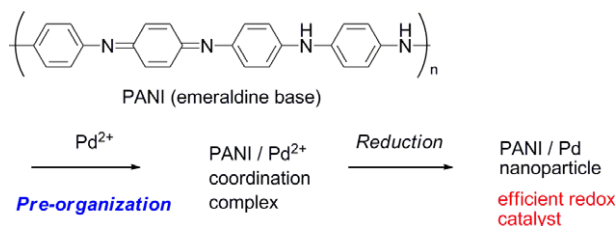
**Diapolycopenedioic acid xylosyl ester, a novel glyco-C<sub>30</sub>-carotenoic acid produced by a new marine bacterium *Rubritalea squalenifaciens*** pp 2725–2727

Kazutoshi Shindo,\* Kanae Mikami, Emiko Tamesada, Shinichi Takaichi, Kyoko Adachi, Norihiko Misawa and Takashi Maoka



**Template synthesis of polyaniline/Pd nanoparticle and its catalytic application** pp 2729–2732

Toru Amaya, Daisuke Saio and Toshikazu Hirao\*

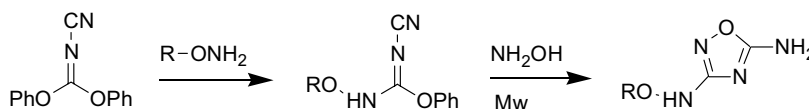


Pre-organization of Pd(II) species on polyaniline to form the corresponding d,π-conjugated complex provided a versatile route to a small and well-dispersed nanoparticle, which worked as an efficient redox catalyst for oxidative coupling reaction of 2,6-di-*t*-butylphenol.



**Rapid and efficient microwave-assisted synthesis of 5-amino-3-aralkoxy(methoxy)amino-1,2,4-oxadiazoles** pp 2733–2735

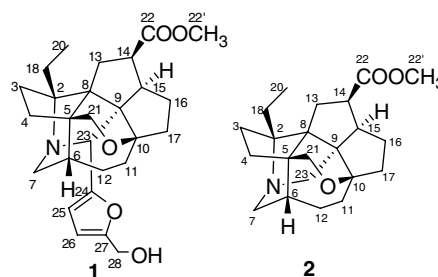
Thomas Kurz,\* Nabih Lolak and Detlef Geffken



**Daphlongeramine A, novel *Daphniphyllum* alkaloid from *Daphniphyllum longracemosum*** pp 2737–2740

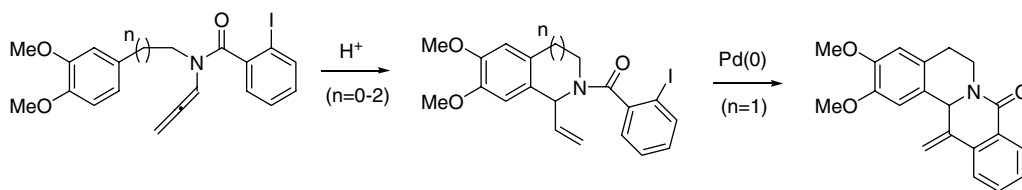
Chunshun Li, Hongping He, Yingtong Di, Yuehu Wang, Shuzhen Mu, Shunlin Li, Suo Gao, Zhulin Gao and Xiaojiang Hao\*

A novel *Daphniphyllum* alkaloid, Daphlongeramine A (**1**) with unprecedented ring system, together with a quite recently isolated alkaloid Pxdaphnine A (**2**) were isolated from the fruits of *Daphniphyllum longracemosum*. The 5-hydroxymethyl-2-furancarboxaldehyde moiety of Daphlongeramine A (**1**) is the first example in all of the *Daphniphyllum* alkaloids reported up to date. Biologically, this isolation could prove the biosynthetic link between methyl homodaphniphyllate and daphnilactone skeletons.



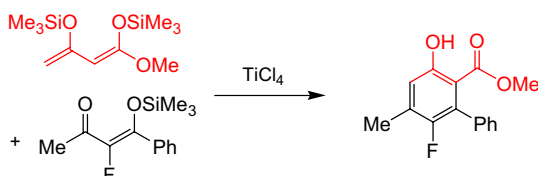
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A. Navarro-Vázquez,\* D. Rodríguez, M. F. Martínez-Esperón, A. García, C. Saá and D. Domínguez\*


**One-pot synthesis of aryl fluorides by [3+3] cyclization of 1,3-bis(silyl enol ethers) with 2-fluoro-3-silyloxy-2-en-1-ones**

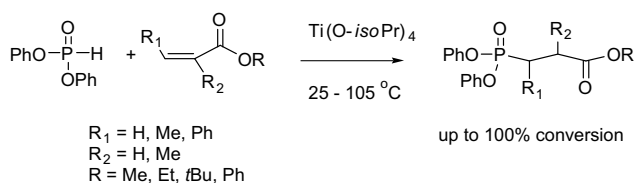
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Thomas Pundt, Matthias Lau, Ibrar Hussain, Mirza A. Yawer, Helmut Reinke and Peter Langer\*


**Ti(O-isoPr)<sub>4</sub> Catalyzed hydrophosphonylation of activated alkenes by diphenyl H-phosphonate**

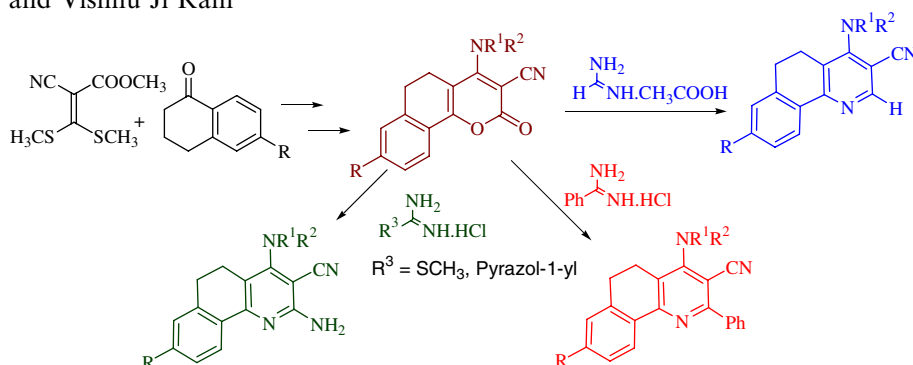
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Qiang Yao


**A non-catalytic approach to the synthesis of 5,6-dihydrobenzo[h]quinolines**

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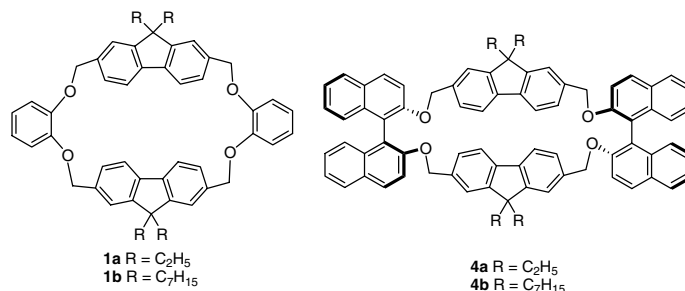
Ramendra Pratap and Vishnu Ji Ram\*



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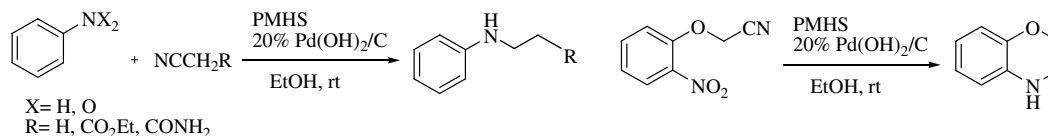
Perumal Rajakumar\* and Rajagopal Kanagalatha



**Reductive N-alkylation of aromatic amines and nitro compounds with nitriles using polymethylhydrosiloxane**

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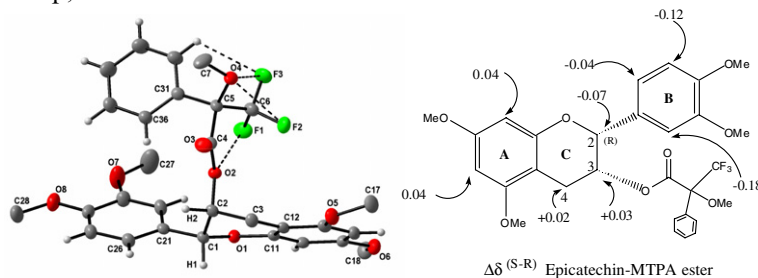
Ch. Raji Reddy,\* K. Vijeender, P. Bibhuti Bhusan, P. Phani Madhavi and S. Chandrasekhar



**Conformational studies of (–)-epicatechin-Mosher ester**

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D. J. Brand,\* J. A. Steenkamp, E. V. Brandt and Y. Takeuchi

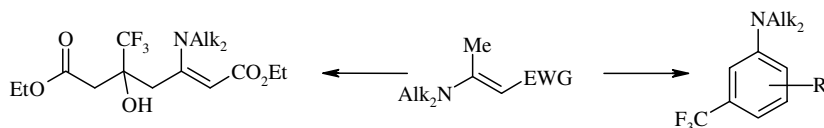


The crystal structure of (–)-epicatechin-(R)-MTPA is described and the origin of the conformational behaviour observed for MTPA esters is explained.

**Reaction of unsymmetrical trifluoromethyl-containing 1,3-dicarbonyl compounds with ‘push-pull’ enamines**

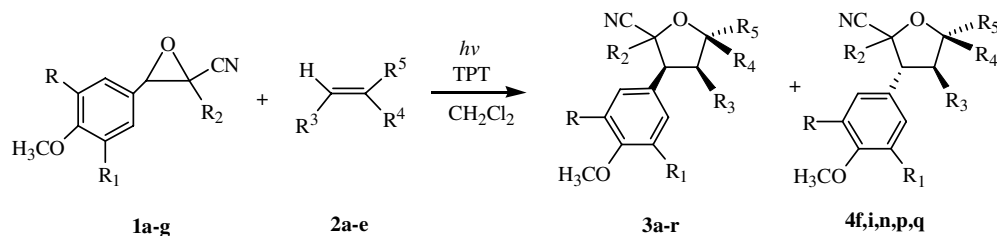
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Dmitriy A. Sibgatulin, Dmitriy M. Volochnyuk and Alexander N. Kostyuk\*



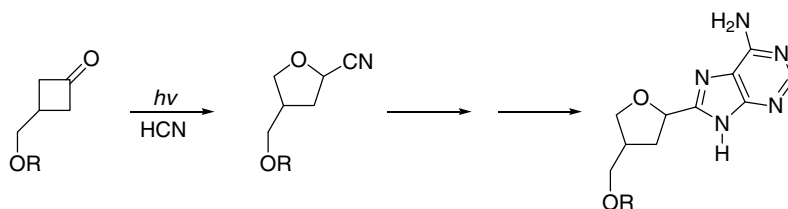
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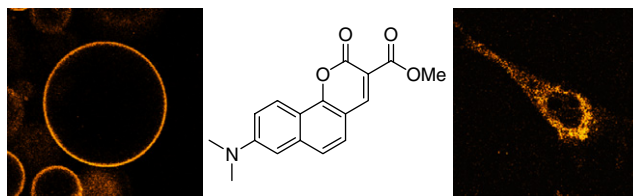
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Gabriela Mladenova and Edward Lee-Ruff\*



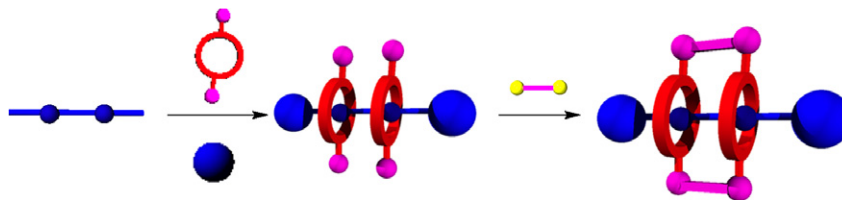
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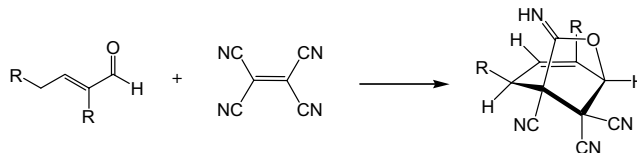
Takashi Sato and Toshikazu Takata\*





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O. V. Ershov,\* A. V. Eremkin, Ya. S. Kajukov, O. E. Nasakin, V. A. Tafeenko and E. V. Nurieva



\*Corresponding author

①<sup>+</sup> Supplementary data available via ScienceDirectAvailable online at [www.sciencedirect.com](http://www.sciencedirect.com)

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