

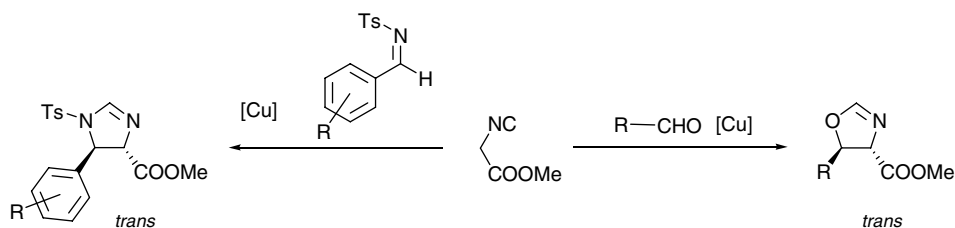
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COMMUNICATIONS

Copper(I)-catalyzed diastereoselective formation of oxazolines and *N*-sulfonyl-2-imidazolines

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David Benito-Garagorri, Vladica Bocokić and Karl Kirchner*

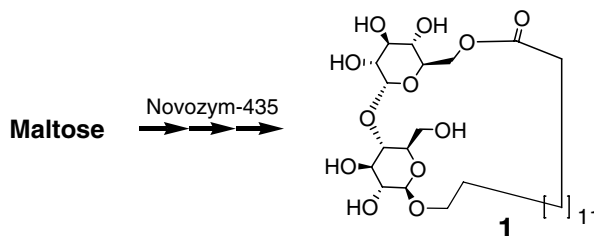


A simple and short method for the reaction of methyl isocyanoacetate with aldehydes and *N*-sulfonylimines is presented. The reaction is catalyzed by copper(I) complexes and proceeds with excellent yields and high diastereoselectivities.

Synthesis of glycolipid analogs via highly regioselective macrolactonization catalyzed by lipase

pp 8645–8649

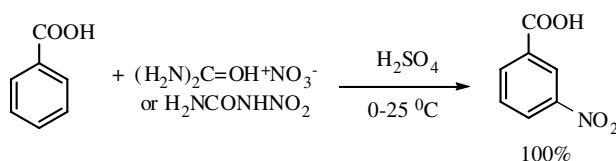
Kirpal S. Bisht,* Surbhi Bhatt and Kirankirti Muppalla



Urea nitrate and nitrourea: powerful and regioselective aromatic nitration agents

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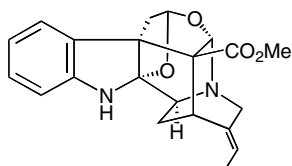
Joseph Almog,* Asne Klein, Anat Sokol, Yoel Sasson, Dana Sonenfeld and Tsippy Tamiri



Arbophylline, a novel heptacyclic indole with a cage skeleton incorporating an acetal moiety

pp 8653–8655

Kuan-Hon Lim and Toh-Seok Kam*

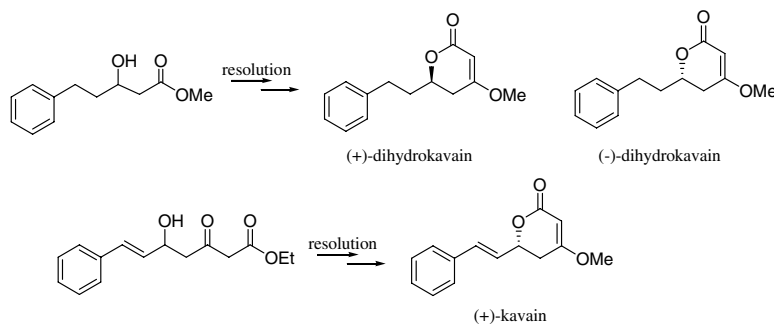


A new indole alkaloid, arbophylline, possessing a novel heptacyclic cage skeleton, and incorporating an acetal function, was obtained from the Malayan *Kopsia arborea*. The structure was established by spectroscopic analysis and a possible biogenetic pathway from an akuammiline-type precursor is presented.

Chemoenzymatic synthesis of enantiomerically enriched kavalactones

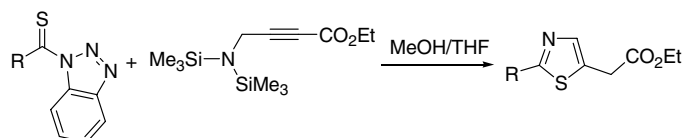
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Ahmed Kamal,* Tadiparthi Krishnaji and G. B. Ramesh Khanna

**Facile synthesis of thiazoles via an intramolecular thia-Michael strategy**

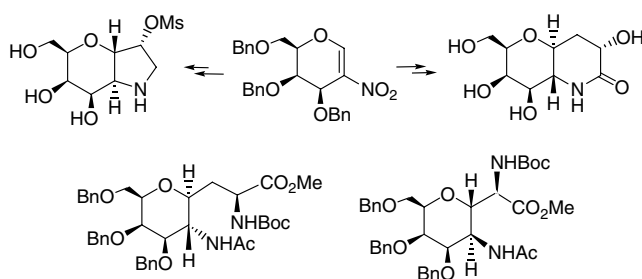
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Pradip K. Sasmal,* S. Sridhar and Javed Iqbal

**Hybrid sugars as glycosidase inhibitors en route to 2-deoxy-2-amino C-glycosyl amino acids**

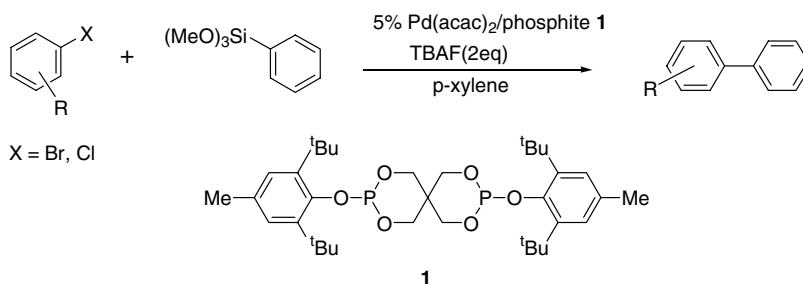
pp 8667–8671

K. Jayakanthan and Yashwant D. Vankar*



Palladium-catalyzed cross-coupling of trimethoxysilylbenzene with aryl bromides and chlorides using phosphite ligands pp 8673–8678

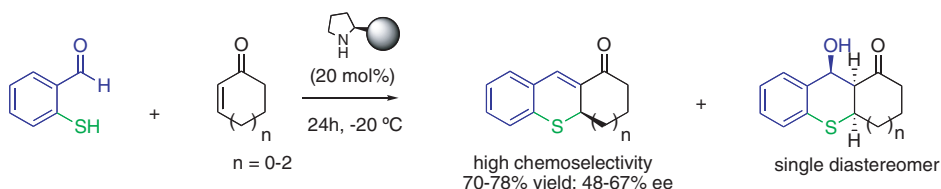
Jinhun Ju, Hyungoo Nam, Hyun Min Jung and Sunwoo Lee*



A one-pot organocatalytic asymmetric entry to tetrahydrothioxanthenones

pp 8679–8682

Ramon Rios, Henrik Sundén, Ismail Ibrahim, Gui-Ling Zhao and Armando Córdoba*

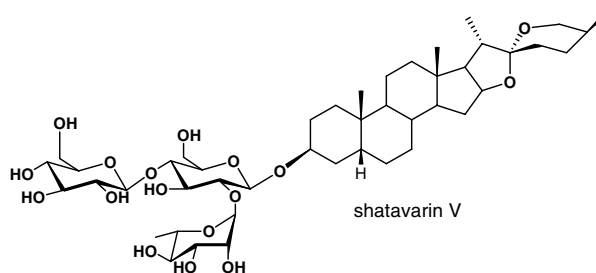


Asparinins, asparosides, curillins, curillosides and shavatarins: structural clarification with the isolation of shatavarin V, a new steroidal saponin from the root of *Asparagus racemosus*

pp 8683–8687

Patricia Y. Hayes, Aisyah H. Jahidin, Reg Lehmann, Kerry Penman, William Kitching and James J. De Voss*

A new steroidal saponin, shatavarin V, has been isolated from the roots of *Asparagus racemosus*, and its structure assigned. Although this same structure has been previously attributed to other saponins, careful analyses and comparisons of the NMR data for the complete suite of the different candidates, confirm the novelty of this structure, deduced from a combination of 1D (^1H , ^{13}C , DEPT, TOCSY) and 2D (COSY, HSQC, HMBC) NMR spectra.



BBr_3 -promoted cyclization to produce ladder-type conjugated polymer

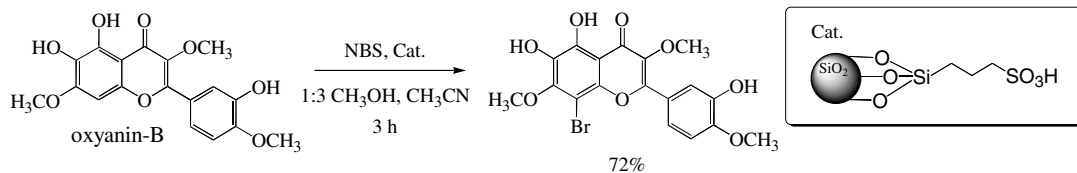
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Inja Kim, Tae-Hyun Kim,* Youngjin Kang and Yong-beom Lim

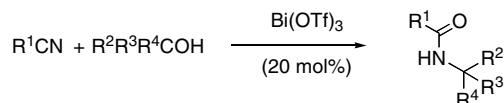


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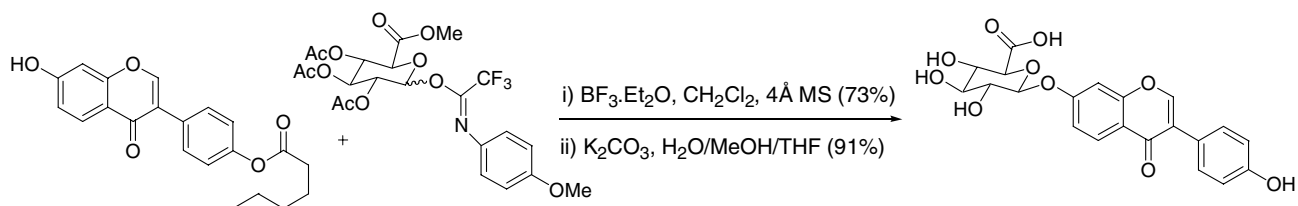
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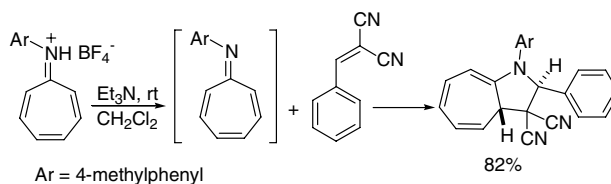
Emmanuel Callens, Andrew J. Burton and Anthony G. M. Barrett*


A facile synthesis of isoflavone 7-O-glucuronides pp 8703–8706

Nawaf Al-Maharik and Nigel P. Botting*


[8+2] Cycloadditions involving 8-aryl-8-azaheptafulvenes and activated styrenes: efficient synthesis of dihydro-1-azaazulenes pp 8707–8709

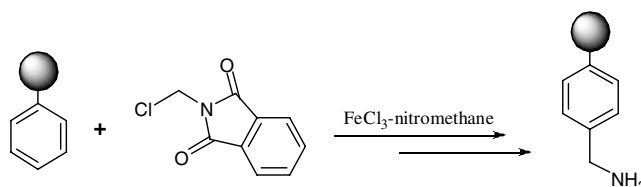
Vijay Nair* and K. G. Abhilash



Lewis acid–nitromethane complex-promoted Friedel–Crafts reactions of PS-DVB-resins

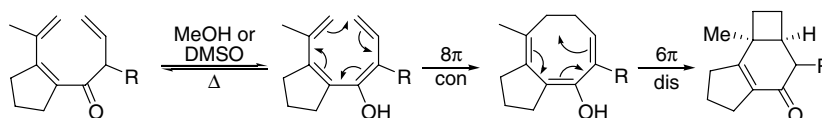
pp 8711–8715

Christos Zikos, George Alexiou and Nicolas Ferderigos*

ACP (65–74) was prepared on aminomethyl-resin synthesized using a FeCl_3 –nitromethane complex in high purity (91%).**Investigations towards the synthesis of (–)-coprinolone, via a thermal 8π – 6π electrocyclic cascade of 1,5,7-trien-4-ones**

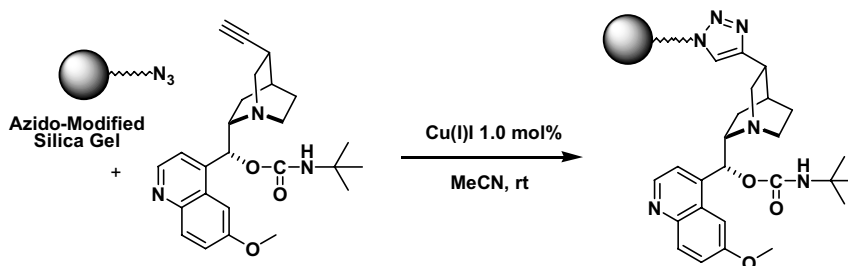
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Andrew L. Lawrence, Hermann A. Wegner, Mikkel F. Jacobsen, Robert M. Adlington* and Jack E. Baldwin

**Highly efficient immobilization of *Cinchona* alkaloid derivatives to silica gel via *click chemistry***

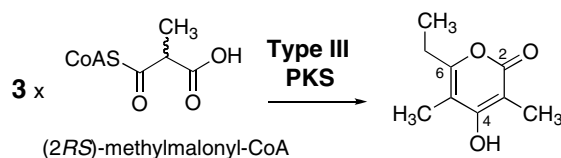
pp 8721–8726

Karol M. Kacprzak,* Norbert M. Maier and Wolfgang Lindner*

**Enzymatic formation of an unnatural methylated triketide by plant type III polyketide synthases**

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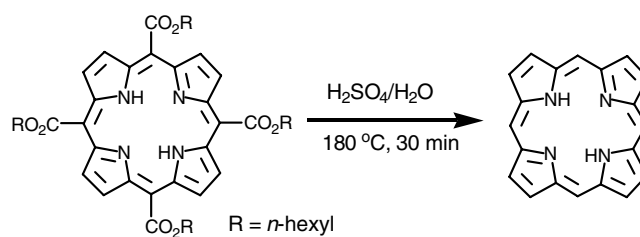
Tsuyoshi Abe, Hisashi Noma, Hiroshi Noguchi and Ikuro Abe*

Octaketide synthase, a novel plant-specific type III polyketide synthase from *Aloe arborescens*, efficiently accepted (2*R*)-methylmalonyl-CoA as a sole substrate to produce 6-ethyl-4-hydroxy-3,5-dimethyl-2-pyrone as a single product.

A novel and efficient synthesis of porphine

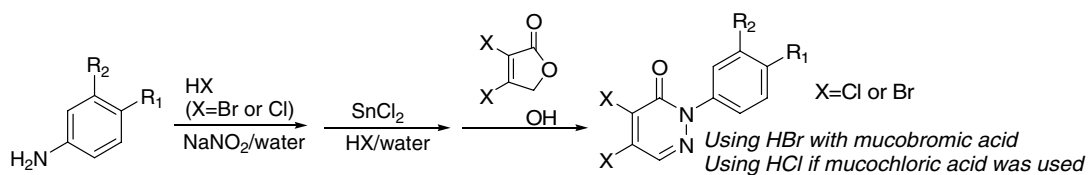
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Saburo Neya,* Jingshun Quan, Masayuki Hata, Tyuji Hoshino and Noriaki Funasaki

**Confirmation and prevention of halogen exchange: practical and highly efficient one-pot synthesis of dibromo- and dichloropyridazinones**

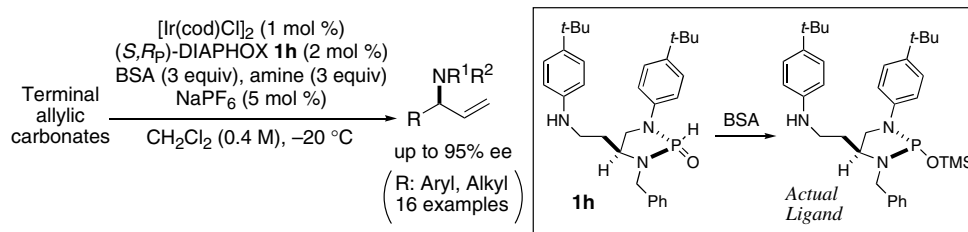
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Ji Zhang,* Howard E. Morton and Jianguo Ji

**Ir-catalyzed asymmetric allylic amination using chiral diaminophosphine oxides**

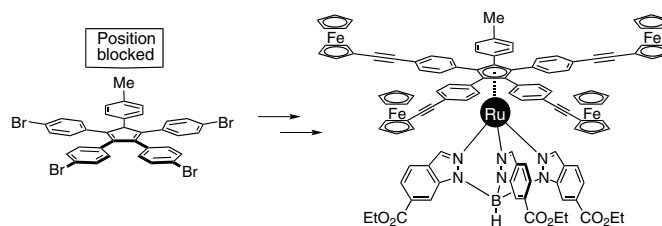
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Tetsuhiro Nemoto, Tatsuro Sakamoto, Takayoshi Matsumoto and Yasumasa Hamada*

**Breaking the symmetry in the molecular motor family: synthesis of a dissymmetrized pentaphenyl cyclopentadienyl ligand and its ruthenium tris(indazolyl)borate complex**

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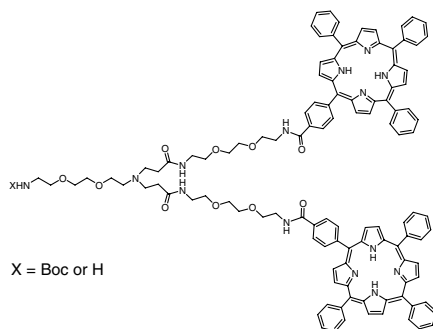
Guillaume Vives and Gwenaël Rapenne*



Divergent synthesis of novel unsymmetrical dendrons containing photosensitizing units

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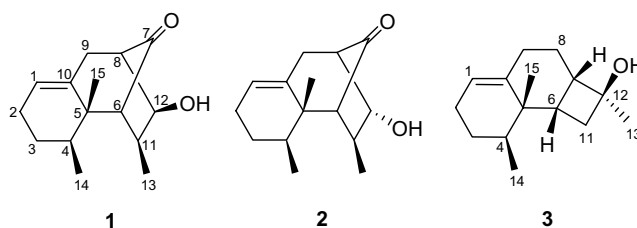
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Novel sesquiterpenoids from the Formosan soft coral *Paralemnalia thyrsoides*

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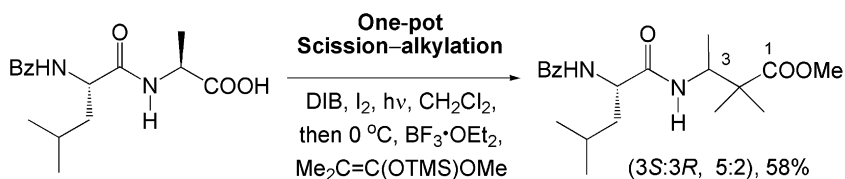
Ho-Cheng Huang, Zhi-Hong Wen, Chih-Hua Chao, Atallah F. Ahmed, Michael Y. Chiang, Yao-Haur Kuo, Chi-Hsin Hsu and Jyh-Horng Sheu*



One-pot synthesis of β -amino acid derivatives from α -amino acids

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Carlos J. Saavedra, Rosendo Hernández,* Alicia Boto* and Eleuterio Álvarez

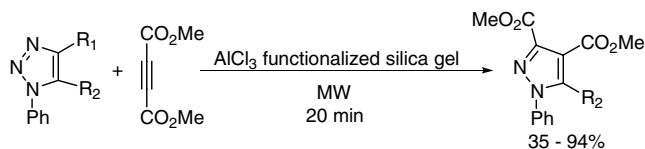


The one-pot transformation of α -amino acids into β -amino acid derivatives and modified dipeptides is reported.

Recyclable supported catalysts in microwave-assisted reactions: first Diels–Alder cycloaddition of a triazole ring

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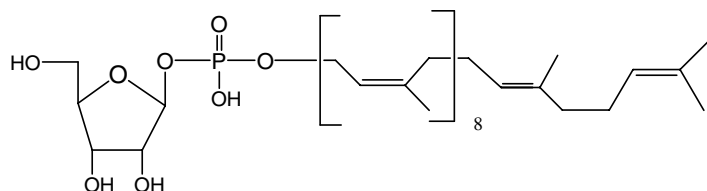
Ángel Díaz-Ortiz,* Abel de Cózar, Pilar Prieto,* Antonio de la Hoz and Andrés Moreno



Stereoselectivity in the synthesis of polyprenylphosphoryl β-D-ribofuranoses

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Avraham Liav,* Ewa Swiezewska, Ewa Ciepichal and Patrick J. Brennan

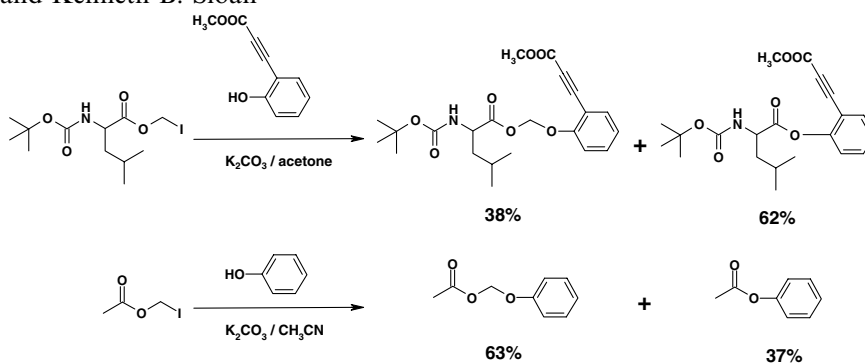


Decaprenylphosphoryl β-D-ribofuranose and analogs with shorter lipid chain were synthesized.

Reaction of alkylcarbonyloxymethyl halides with phenols: reevaluating the influence of steric hindrance

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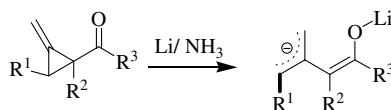
Joshua D. Thomas and Kenneth B. Sloan*



Observations on the reductive ring opening reactions of alkylidenecyclopropyl ketones promoted by lithium in liquid ammonia

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William B. Motherwell* and Sheena Zuberi



The regio- and stereochemical outcome of the reductive ring opening reactions of alkylidenecyclopropyl ketones is a function of substrate structure.

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*Corresponding author

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