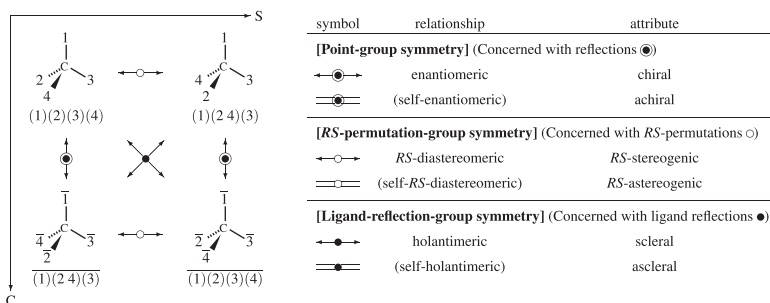


Tetrahedron: Asymmetry Vol. 25, Nos. 16–17, 2014













Contents

ARTICLES













- Stereoisograms for reorganizing the theoretical foundations of stereochemistry and stereoisomerism. Part 1: diagrammatic representations of *RS*-stereoisomeric groups for integrating point groups and *RS*-permutation groups** pp 1153–1168
 Shinsaku Fujita



- Stereoisograms for reorganizing the theoretical foundations of stereochemistry and stereoisomerism. Part 2: rational avoidance of misleading standpoints for *R/S*-stereodescriptors of the Cahn–Ingold–Prelog system** pp 1169–1189
 Shinsaku Fujita

	<i>RS</i> -stereoisomerism <i>RS</i> -stereoisomeric-group symmetry (under T_{sig})	chirality point-group symmetry (under T_p)	<i>RS</i> -stereogenicity <i>RS</i> -permutation-group symmetry (under T_R)	sclerality ligand-reflection-group symmetry (under T_l)
type I (e.g., 1)	$4C_2/(C_2)$ 	$4C_1/(C_1)$ 	$4C_1/(C_1)$ 	$4C_1/(C_1)$ 
type III (e.g., 18)	$4C_1/(C_1)$ 	$4C_1/(C_1)$ 	$4C_1/(C_1)$ 	$4C_1/(C_1)$ 
type V (e.g., 30)	$C_2/(C_2) + 2C_2/(C_2)$ 	$C_2/(C_2) + 2C_2/(C_2)$ 	$4C_1/(C_1)$ 	$4C_1/(C_1)$ 

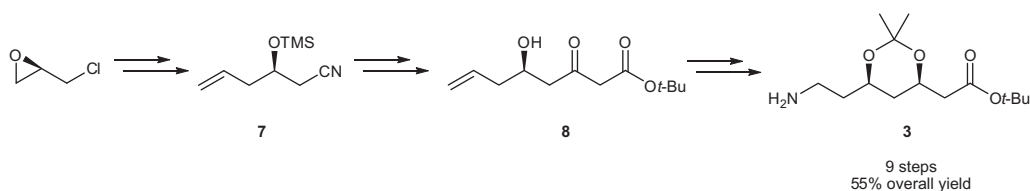
- Stereoisograms for reorganizing the theoretical foundations of stereochemistry and stereoisomerism. Part 3: rational avoidance of misleading standpoints for *pro-R/pro-S*-descriptors** pp 1190–1204
 Shinsaku Fujita

	<i>RS</i> -stereoisomerism <i>RS</i> -stereoisomeric-group symmetry (under T_{sig})	chirality point-group symmetry (under T_p)	<i>RS</i> -stereogenicity <i>RS</i> -permutation-group symmetry (under T_R)	sclerality ligand-reflection-group symmetry (under T_l)
type II (e.g., 12)	$C_2/(C_2) + 2C_2/(C_2)$ 	$4C_1/(C_1)$ 	$C_2/(C_2) + 2C_2/(C_2)$ 	$4C_1/(C_1)$ 
type IV (e.g., 29)	$C_{\text{sig}}/(C_{\text{sig}}) + C_{\text{sig}}/(C_{\text{sig}})$ 	$C_2/(C_2) + 2C_2/(C_2)$ 	$C_2/(C_2) + 2C_2/(C_2)$ 	$2C_2/(C_2)$ 
(e.g., 28)	$C_{\text{sig}}/(C_{\text{sig}}) + 2C_{\text{sig}}/(C_{\text{sig}})$ 	$C_2/(C_2) + 2C_2/(C_2)$ 	$C_2/(C_2) + 2C_2/(C_2)$ 	$4C_1/(C_1)$ 

An improved process for chiron synthesis of the atorvastatin side chain

pp 1205–1208

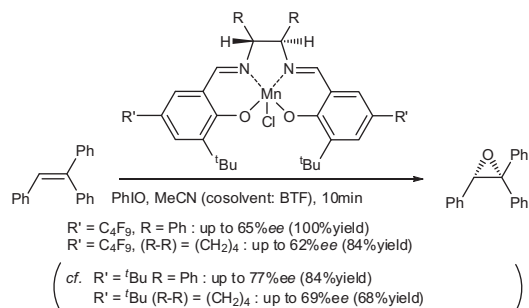
Fang-Jun Xiong, Jie Li, Xiao-Fei Chen, Wen-Xue Chen, Fen-Er Chen*



A comparative study of the asymmetric epoxidation of aromatic olefins using the first generation manganese salen epoxidation catalysts and their light fluororous variants: an interesting discovery on the use of benzotrifluoride as a cosolvent

pp 1209–1214

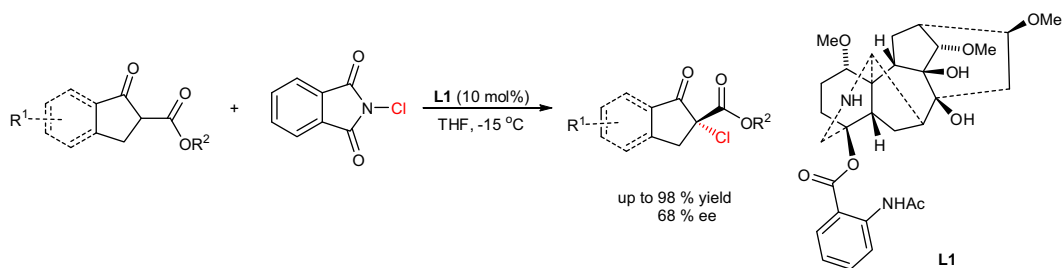
Yuki Kobayashi, Sae Inukai, Naoki Asai, Mami Oyamada, Shohei Ikegawa, Yuya Sugiyama, Hiromi Hamamoto, Takayuki Shioiri, Masato Matsugi*



Enantioselective α -chlorination of β -oxo esters catalyzed by chiral diterpenoid alkaloid derivatives

pp 1215–1220

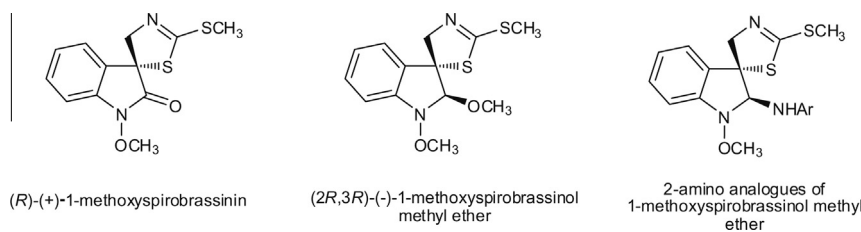
Zhi Li, Fan Yang, Qingwei Meng*, Zhanxian Gao



Stereoselective synthesis of 1-methoxyspiroindoline phytoalexins and their amino analogues

pp 1221–1233

Aneta Salayová, Zuzana Kudličková, Matej Baláž, Mariana Budovská*, Martina Pilátová, Ján Mojžiš, Kenji Monde, Ján Petrovaj, Taťana Gondová



Download English Version:

<https://daneshyari.com/en/article/1345081>

Download Persian Version:

<https://daneshyari.com/article/1345081>

[Daneshyari.com](https://daneshyari.com)