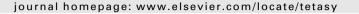


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### Tetrahedron: Asymmetry





### Tetrahedron: Asymmetry Vol. 23, Nos. 3-4, 2012

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Simon Doherty\*, Julian G. Knight, Hamid Mehdi-Zodeh

$$X \xrightarrow{||} + F_3C \xrightarrow{||} O = 0$$

$$3a-h$$

$$2.5 \text{ mol}\%$$

$$||M = \text{Pd}, \text{Pt}$$

$$||RT, \text{CH}_2\text{Cl}_2|$$

$$4a-h$$

$$||CO_2\text{Et}|$$

$$||R|(S)-\text{Me}_2\text{-CATPHOS}||^{2+}$$

$$||A-h|$$

$$||S|-\text{Me}_2\text{-CATPHOS}||$$

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Mari Päiviö, Päivi Perkiö, Liisa T. Kanerva\*

Ar 
$$R^1$$
 Solvent-free  $R^1$   $R^1$ 

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#### Facile conversion of racemic ibuprofen to (S)-ibuprofen

pp 237-239

David Chavez-Flores\*, James M. Salvador

Candida rugosa lipase 
$$c = 94\%$$

OCH<sub>3</sub>

Methanol

H<sub>2</sub>SO<sub>4</sub>
quantitative

R

OCH<sub>3</sub>
 $k_1$ 
 $k_1$ 
 $k_1$ 
 $k_2$ 
 $k_3$ 
 $k_4$ 
 $k_5$ 
 $k_6$ 
 $k_8$ 
 $k_9$ 
 $k_$ 

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Gangavaram V.M. Sharma\*, Vennampalli Manohar

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Łukasz Weseliński, Eleonora Kalinowska, Janusz Jurczak\*

Alicja Wzorek, Jochen Mattay, Waldemar Iwanek\*

$$R^{1}O_{2}C$$
organocatalyst\*
$$R^{1}O_{2}C$$

$$Up to 92\% ee$$

$$QH$$

$$R^{2}$$

$$R^{2}$$

$$R^{3}O_{2}C$$

$$R^{3}O_{2}C$$

$$R^{4}O_{2}C$$

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2. PhB(OH)<sub>2</sub>, toluene

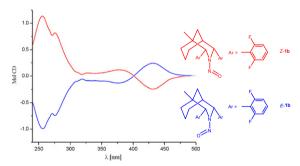
out- $(P,S,S,R_N,S_B)$ 

in- $(M,S,R,R_N,S_B)$ 

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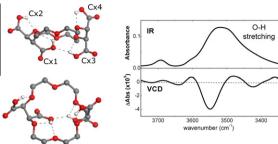
Rintaro Narui, Sayuri Hayashi, Haruka Otomo, Ryo Shintani\*, Tamio Hayashi\*

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Juan Ramón Avilés Moreno\*, Francisco Partal Ureña, Juan Jesús López González, Francisco Gámez, Bruno Martínez-Haya\*

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Paweł Skowronek, Monika Kuncewicz, Małgorzata Brzostowska, Agnieszka Janiak, Urszula Rychlewska, Jacek Gawroński\*

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pp 306-312

Mei-Ling Han, Dao-Yong Wang, Pei-Wei Zeng, Zhuo Zheng, Xiang-Ping Hu\*

COOMe 
$$AgOAc (3 mol\%), L^* (3.3 mol\%)$$
  $Et_3N (10 mol\%)$   $Et_2O, -40 °C$   $Ph_2P$   $Ph_$ 

#### **CORRIGENDUM**

Corrigendum to SPANamine derivatives in the catalytic asymmetric  $\alpha$ -fluorination of  $\beta$ -keto esters [Tetrahedron: Asymmetry 22 (2011) 1490–1498]

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Olivier Jacquet, Nicolas D. Clément, Zoraida Freixa, Aurora Ruiz, Carmen Claver, Piet W.N.M. van Leeuwen\*

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\*Corresponding author

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