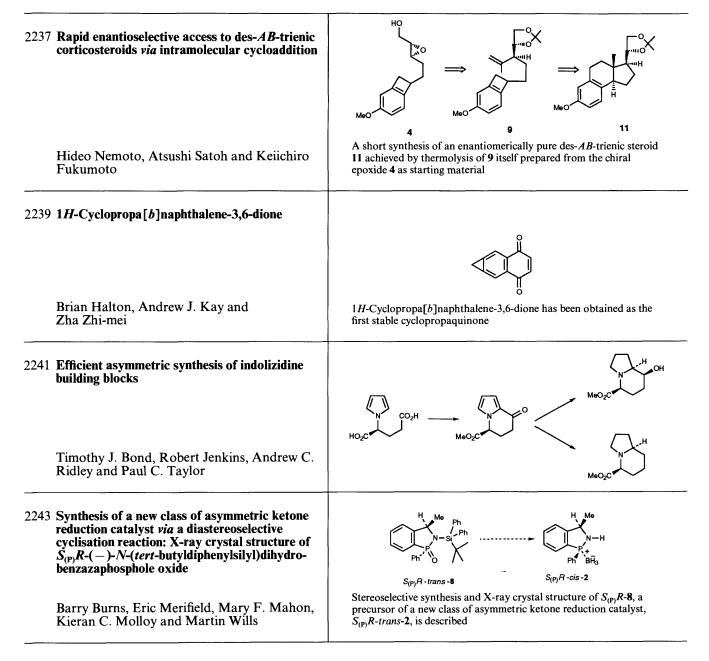
# JOURNAL OF THE CHEMICAL SOCIETY

# **Perkin Transactions 1**

Organic and Bio-organic Chemistry

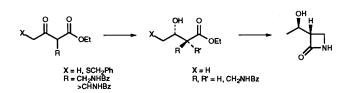
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## Perkin Communications



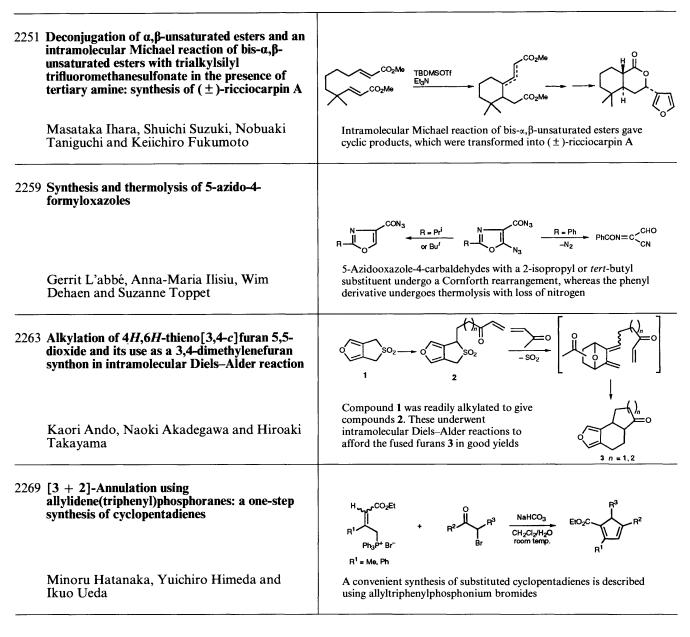
2247 Microbial generation of (2*R*,3*S*)- and (2*S*,3*S*)-ethyl 2-benzamidomethyl-3hydroxybutyrate, a key intermediate in the synthesis of (3*S*,1'*R*)-3-(1'-hydroxyethyl)azetidin-2-one

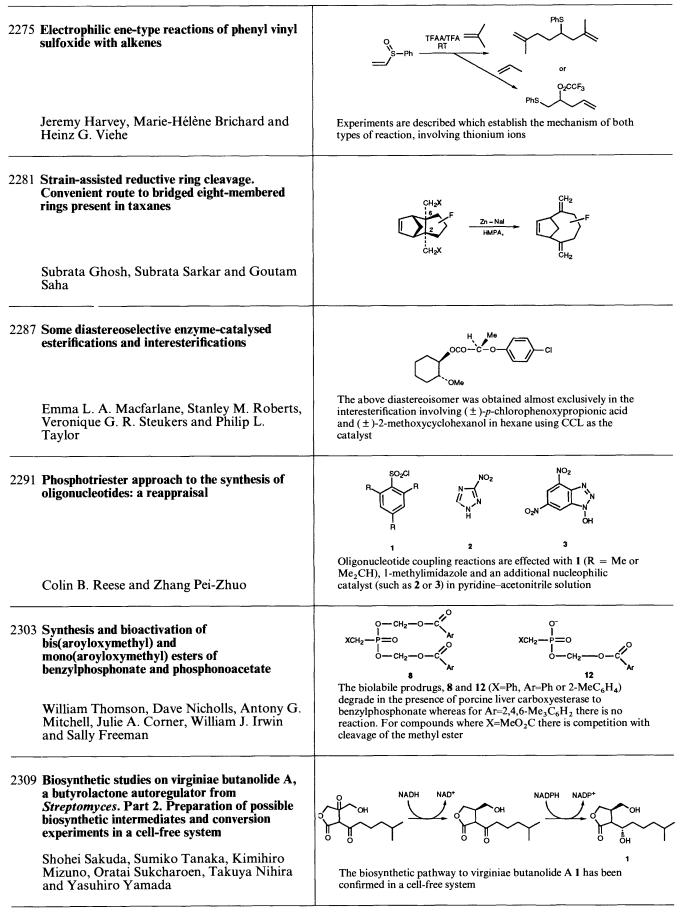
> Claudio Fuganti, Simonetta Lanati, Stefano Servi, Auro Tagliani, Angelo Bedeschi and Giovanni Franceschi

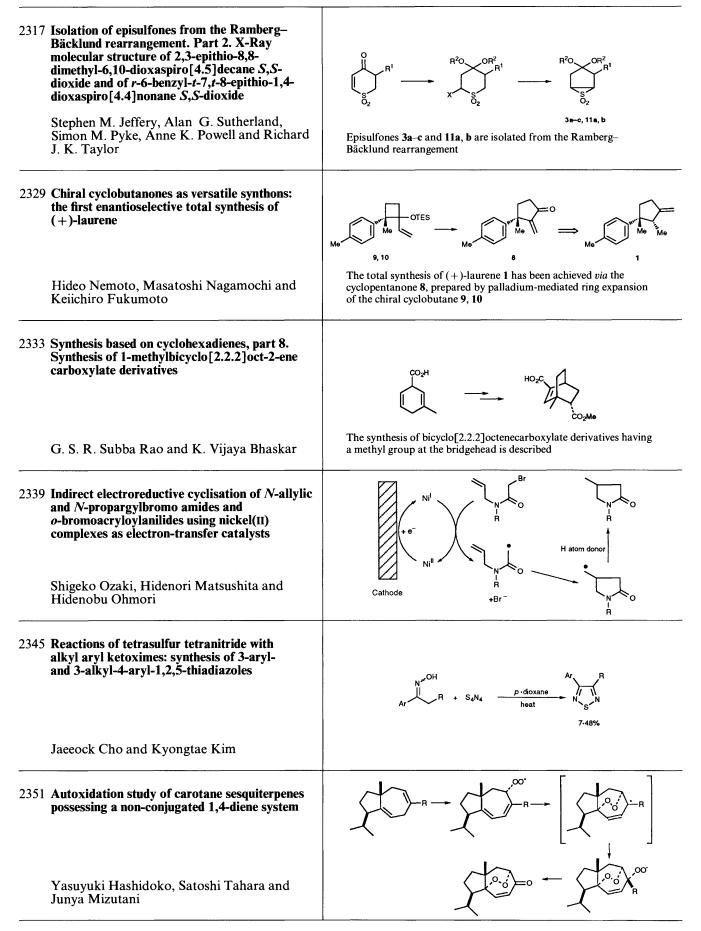


The microbial reduction of various  $\beta\text{-keto}$  esters for the synthesis of azetidin-2-ones is described

#### Articles







| combinati<br>resolution<br>adduct bet<br>biphenantl<br>oxoazetidi         | on of optically active amines by a<br>on of Gabriel synthesis and optical<br>. X-Ray crystal structure of the<br>tween (-)-10,10'-dihydroxy-9,9'-<br>hryl and N-(1-tert-butyl-2-<br>in-3-yl)phthalimide<br>oda, Shinichi Soda and Israel                               | $\begin{array}{c} \overbrace{\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$   |
|---|--|---|
| conductor<br>bis(3-phen<br>N,N'-dicy<br>quinodiim<br>TCNQ de<br>Nazario N | ecules for the design of organic<br>s. Synthesis of 7,7,8,8-tetracyano-2,5-<br>hylpropyl)-p-quinodimethane and<br>ano-2,5-bis(3-phenylpropyl)-p-<br>ine and X-ray structure of the<br>rivative<br>Martín, José Luis Segura, Carlos<br>armando Albert and Félix H. Cano | $\begin{array}{c} \begin{array}{c} & & & & \\ & & & \\ $  |
| for synthe  | chlorophyll derivative, purpurin-18,<br>ses of sensitizers for use in<br>amic therapy  | $ \begin{array}{c} \begin{array}{c} & & \\$   |
| Shwn-Ji H<br>M. Smith   | H. Lee, Nadine Jagerovic and Kevin   | $M_{\theta}O_{2}C$ |

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