

Highlights

Glycoproteins

B. G. Davis

The Linear Assembly of a Pure Glycoenzyme

Synthetic Methods

P. J. Walsh and C. Anaya de Parrodi

All Kinds of Reactivity: Recent Breakthroughs in Metal-Catalyzed Alkyne Chemistry

Genomics

S. Brakmann and J. Ibach

Sequencing Single DNA Molecules in Real Time

Reviews

Polyketide Biosynthesis

C. Hertweck

The Biosynthetic Logic of Polyketide Diversity

Communications

Ion Channels

U. Koert, L.-O. Essen et al.

On the Function and Structure of Synthetically Modified Porins
(Cover Picture)

Functional Porous Materials

M. Ohba, J. A. Real, S. Kitagawa et al.

Bidirectional Chemo-Switching of Spin State in a Microporous Framework

Enzyme Inhibitors

M. R. Ghadiri et al.

Probing the Bioactive Conformation of an Archetypal Natural Product HDAC Inhibitor with Conformationally Homogeneous Triazole-Modified Cyclic Tetrapeptides

Synthetic Methods

J. Montgomery et al.

Ketone Hydrosilylation with Sugar Silanes Followed by Intramolecular Aglycone Delivery: An Orthogonal Glycosylation Strategy

Oxygen-Centered Radicals

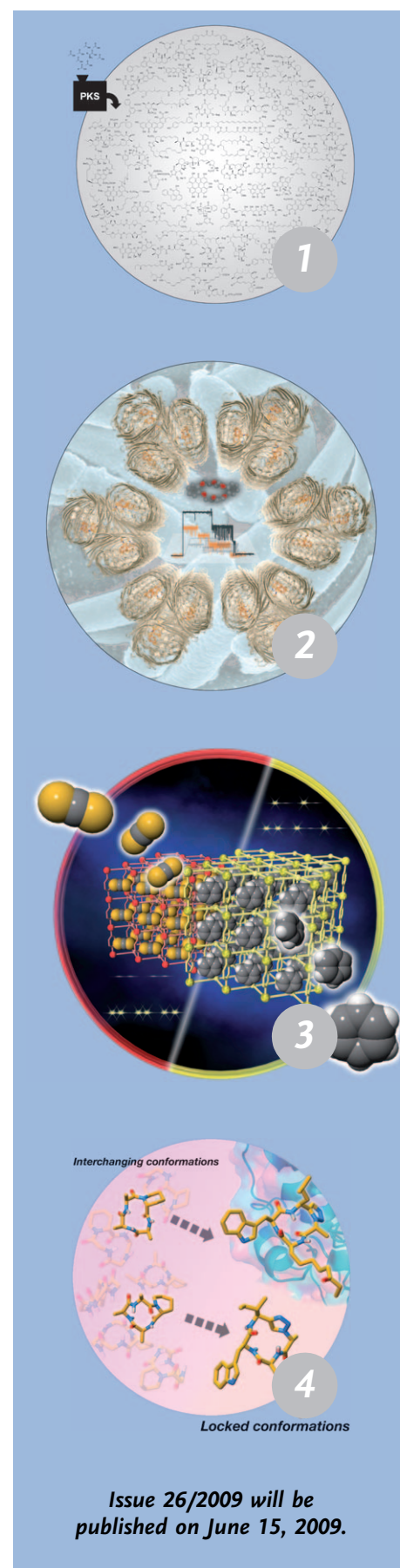
H. Schwarz et al.

Room-Temperature C–H Bond Activation of Methane by Bare $[P_4O_{10}]^{+}$

HCOOH Dehydrogenation on Au

E. Iglesia and M. Ojeda

Formic Acid Dehydrogenation on Au-Based Catalysts at Near-Ambient Temperatures



Issue 26/2009 will be
published on June 15, 2009.