

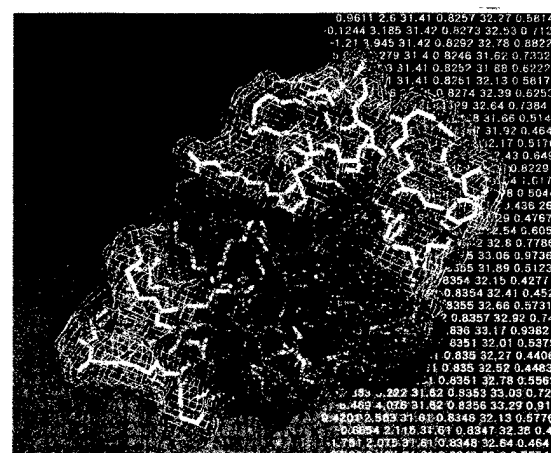
QCS

Volume 24, Number 1/2005

February 2005

Pages 1–196

QSAR & Combinatorial Science



Cover Picture:

The picture shows a model of one of a series of star-shaped PEO-polycaprolactone copolymers, prepared in an automated synthesizer (background). Artwork by Brian Pauw and Dr. Nico Adams, TU Eindhoven, The Netherlands.

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QCS

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March 2005

Pages 107 – 320

QSAR & Combinatorial Science

Cover Picture:

The transmembrane protein aquaporin spans biological membranes and forms channels that allow the passage of water molecules. The water channels consist of alpha helices (purple cylinders) and are shown as a Connolly surface, in which the electrostatic potential is represented by colors (blue: negative, red: positive).

Peter Agre and Roderick MacKinnon were awarded the 2003 Nobel Prize in chemistry for the discovery of water channels and for structural and mechanistic studies on ion channels, respectively.

Cover illustration by courtesy of Prof. Dr. Jürgen Brickmann, Dr. Thorsten Borosch, MOLNET e.V.



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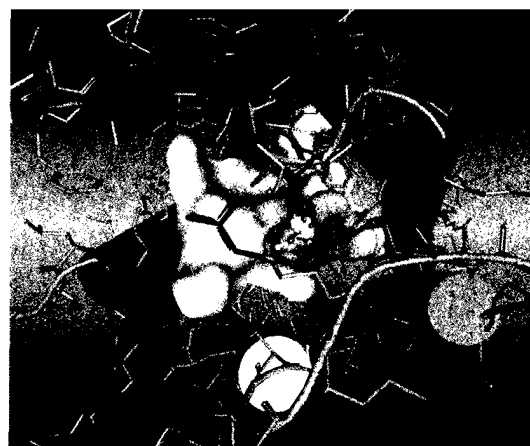
QCS

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QSAR & Combinatorial Science

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