

Anion Sensing

Volume Editor: Ivan Stibor

With contributions by

E. V. Anslyn · S. R. Bayly · P. D. Beer · S. D. Collyer · F. Davis

S. P. J. Higson · R. J. T. Houk · P. Lhoták · F. P. Schmidtchen · I. Stibor

C. Suksai · S. L. Tobey · T. Tuntulani · P. Zlatušková

Volume Editor
Ivan Stibor
Department of Chemistry
University of Jyväskylä
P.O. Box 35
40014 Jyväskylä, Finland
E-mail: stibor@chem.jyu.fi

Contents

Artificial Host Molecules for the Sensing of Anions F. P. Schmidtchen	1
Chiral Recognition of Anions I. Stibor · P. Zlatušková	31
Anion Receptors Based on Calixarenes P. Lhoták	65
The Construction and Operation of Anion Sensors: Current Status and Future Perspectives F. Davis · S. D. Collyer · S. P. J. Higson	97
Anion Sensing by Metal-Based Receptors P. D. Beer · S. R. Bayly	125
Chromogenetic Anion Sensors C. Suksai · T. Tuntulani	163
Abiotic Guanidinium Receptors for Anion Molecular Recognition and Sensing R. J. T. Houk · S. L. Tobey · E. V. Anslyn	199
Author Index Volumes 251–255	231
Subject Index	235