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Protonated Glycine Surface-Induced DissociationConcluding Remarks; Acknowledgments; References; 4. The Poisson-Boltzmann Equation; Introduction; State of the Field; Overview of the Chapter; A Brief History; The Poisson-Boltzmann Equation; Analytical Solutions to the Poisson-Boltzmann Equation; Planar Geometry: The Membrane Model; Curved Surfaces: Cylinders and Spheres; Cylindrical Geometry: The Polymer Model; Spherical Geometry: The Micelle Model; Mixed-Geometry Studies; Numerical Solutions to the Poisson-Boltzmann Equation; One-Dimensional Geometries
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Sommario/riassunto

The Reviews in Computational Chemistry series brings together leading authorities in the field. The chapters in this book series are written to teach the newcomer and update the expert. Topics include computational chemistry, molecular modeling, computer-assisted molecular design (CAMD), quantum chemistry, molecular mechanics and dynamics, and quantitative structure-activity relationships (QSAR). Detailed author and subject indices on each volume help the reader to quickly discover particular topics.The chapters are approached in a tutorial manner and written in a non-mathem