DESCRIPTION

Molecular imaging is primarily about the chemistry of novel biological probes, yet the vast majority of practitioners are not chemists or biochemists. This is the first book, written from a chemist's point of view, to address the nature of the chemical interaction between probe and environment to help elucidate biochemical detail instead of bulk anatomy.

• Covers all of the fundamentals of modern imaging methodologies, including their techniques and application within medicine and industry
• Focuses primarily on the chemistry of probes and imaging agents, and chemical methodology for labelling and bioconjugation
• First book to investigate the chemistry of molecular imaging
• Aimed at students as well as researchers involved in the area of molecular imaging

ABOUT THE AUTHOR

Nicholas Long, PhD, is the Sir Edward Frankland BP Professor of Inorganic Chemistry and Head of the Catalysis, Sustainability and Applied Inorganics section in the Department of Chemistry, Imperial College London. He has published more than 150
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