



Role of Non-Covalent Interactions in Formation of Super-Structures

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Organization and Self-assembly | Superstructures are large sized molecules which exist and function at and beyond the nanoscale. By utilizing a diverse array of intermolecular interactions as the information source for assembly processes, large number of complex nanoscale structures and superstructures with a variety of forms and functions has been constructed which exhibit the same principles as exhibited by biological systems i.e. self organization, self assembly and self synthesis processes. In this book, 2,4-(1H,3H) pyrimidinedione (uracil) based new entities have been designed and synthesized which have capability of recognition of other entities and undergoing self organization. | Format: Paperback | Language/Sprache: english | 100 pp.



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