

A Dissertation
Presented to
the Graduate School of
Clemson University

In Partial Fulfillment
of the Requirements for the Degree
Doctor of Philosophy
Chemistry

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August 2008

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Strategies For Expanding The Halogen Bonding Periodic Table And Designing Complementary Halogen Hydrogen Bonding Synthons

Author : / **Category :**Uncategorized / **Total Pages :** 179 pages



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Summary : Free strategies for expanding the halogen bonding periodic table and designing complementary halogen hydrogen bonding synthons pdf download - halogen bonding is the donation of electron density from an electron donor such as n o s se atoms to an electron acceptor such as a dihalogen or organohalogen this interaction plays an important role in biological systems such as the thyroid gland and is useful in many other fields such as drug design crystal engineering synthetic chemistry material science and bioinorganic chemistry however currently there is a lack of information for this interaction in systems involving organoiodines with sulfur and selenium electron donors

Pusblisher : ProQuest on 2008 / **ISBN :** 9780549693765



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