



## Onium Ions

*George A. Olah, Kenneth K. Laali, Qi Wang, G. K. Surya Prakash*

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Comprehensive and up-to-date coverage of onium ions-an indispensable reference for academic and industrial chemists

In *Onium Ions*, Nobel Prize-winning chemist George Olah joins forces with coauthors Kenneth Laali, Qi Wang, and G. K. Surya Prakash to offer an in-depth look at the chemistry and reactions of these important electron-deficient compounds. While other texts have covered various individual types of onium ions, this work addresses the structure and chemistry of numerous different classes of onium ions. Contents include:

- \* Discussions of well-established classes of onium ions, such as azonium, oxonium, sulfonium, selenonium, telluronium, and phosphonium ions.
- \* Coverage of more recent types, from siliconium, halonium, and carbonium to carboxonium, carbosulfonium, and carbazonium ions.
- \* Clear explanations of definition, classification, preparation, and chemistry of each major group of onium ions.
- \* An exploration of superelectrophilic activation of onium ions through contact with superacid media.

Enriched with numerous illustrations and a full listing of references for each chapter, *Onium Ions* should be a staple text in the professional chemist's library.

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