A radical cation is a positively charged species that has an atom bearing an unpaired electron.

eg:

\[
\text{CH}_3\text{OH}^{+}\cdot \quad \text{CH}_3\text{CH}_2\text{NH}_2^{+}\cdot
\]

Some radical cations are resonance stabilized.

eg:

Radical cations are common intermediates in reactions occurring in the mass spectrometer.

see also radical anion

Contributors

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