A diazonium ion is an ion that has the following general structural formula.

\[ R^+ \text{N}≡\text{N} \]

- \( R \) = alkyl, aryl

eg:

\[ \text{CH}_3\text{N}≡\text{N} \]

The \(+\text{N}≡\text{N}\): group in a diazonium ion is called the diazonio group.

\[ \text{CH}_3^+\text{N}≡\text{N} \]

\( \text{diazenio group} \)

see also diazomethane

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Contributors

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