

aminium ions

Cations HR_3N^+ formed by hydronation of an amine R_3N . ‘Non-quaternary ammonium ions’ is a synonymous term, e.g. prolinium, PhN^+HMe_2 , *N,N*-dimethylanilinium.

Note:

If a class X can be hydronated to Xium ions the class Xium ions commonly includes the derivatives formed by the replacement of the added hydron with a hydrocarbonyl group. Aminium ions form an exception, made possible by the availability of the class name ammonium ions.

See also *onium compounds*.

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