aminium ions

Cations HR₃N⁺ formed by hydronation of an amine R₃N. 'Non-quaternary ammonium ions' is a synonymous term, e.g. prolinium, PhN⁺HMe₂, 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 hydrocarbyl group. Aminium ions form an exception, made possible by the availability of the class name ammonium ions.

See also: onium compounds

Source:
PAC, 1995, 67, 1307 (Glossary of class names of organic compounds and reactivity intermediates based on structure (IUPAC Recommendations 1995)) on page 1316