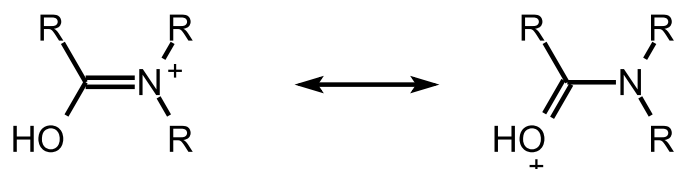
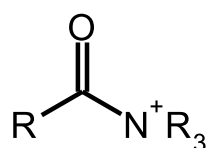


amidium ions

Cations formally derived by the addition of one hydron to the N or O atom of an amide and *N*-hydrocarbyl derivatives thereof. In organic chemistry an unspecified amidium ion is commonly a carboxamidium ion



or



The term does not imply knowledge concerning the position of the cationic centre, e.g. $\text{PhC}(=\text{O})\text{N}^+\text{Me}_3$ *N,N,N*-trimethylbenzamidium.

Source:

PAC, 1995, 67, 1307 (*Glossary of class names of organic compounds and reactivity intermediates based on structure (IUPAC Recommendations 1995)*) on page 1315

See also:

PAC, 1993, 65, 1357 (*Revised nomenclature for radicals, ions, radical ions and related species (IUPAC Recommendations 1993)*) on page 1357