lyonium ion

The cation produced by hydronation of a solvent molecule. For example, \( \text{CH}_3\text{OH}^{2+} \) is the lyonium ion of methanol.

See also: onium compounds

Source:
PAC, 1994, 66, 1077 (Glossary of terms used in physical organic chemistry (IUPAC Recommendations 1994)) on page 1137