

## $\sigma$ -adduct

The product formed by the attachment of an electrophilic or nucleophilic entering group or of a radical to a ring carbon of an aromatic species so that a new  $\sigma$ -bond is formed and the original conjugation is disrupted. (This has generally been called a ' $\sigma$ -complex', but adduct is more appropriate than complex according to the definitions given.) The term may also be used for analogous adducts to unsaturated (and conjugated) systems in general.

**See also:** Meisenheimer adduct

**Source:**

PAC, 1994, 66, 1077 (*Glossary of terms used in physical organic chemistry (IUPAC Recommendations 1994)*) on page 1170