# Nomenclature of Organic Chemistry. IUPAC Recommendations and Preferred Names 2013. 

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All noted corrections have been incorporated in this version. Otherwise the text is as close to the printed book as possible.

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|  | MEMBERSHIP OF THE IUPAC COMMISSION ON <br> NOMENCLATURE OF ORGANIC CHEMISTRY (CNOC) (19932001) |
|  | MEMBERSHIP OF THE IUPAC DIVISION OF CHEMICAL NOMENCLATURE AND STRUCTURE REPRESENTATION (2002-2013) |
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Carboxylic acid groups
The suffix 'carboxylic acid'
Seniority order for numbering
Polyfunctional carboxylic acids
Carboximidic, carbohydrazonic, carbohydroximic, and carbohydroxamic acids

Carboximidic acids
Carbohydrazonic acids
Carbohydroximic acids
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Relative configuration
The stereodescriptors ' $R$ ' and ' $S$ ' for absolute configuration of an achiral parent structure and after ring opening

## Carbohydrate Nomenclature

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Carbohydrates
Monosaccharides
Oligosaccharides
Polysaccharides
Parent Monosaccharides
Parent aldoses and ketoses with up to six carbon atoms
Numbering parent structures
Configurational Symbolism
The Fischer projection of the acyclic form
The stereodescriptors 'D' and 'L'
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Cyclic forms of monosaccharides
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Ketoses
Deoxy sugars
Amino sugars
Thio sugars
Substituted monosaccharides
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Glycosides
$C$-Substitution
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