

## enantiomer excess (enantiomeric excess)

**Also contains definition of:** percent enantiomer excess

For a mixture of (+)- and (-)-enantiomers, with composition given as the mole or weight fractions  $F_{(+)}$  and  $F_{(-)}$  (where  $F_{(+)} + F_{(-)} = 1$ ) the enantiomer excess is defined as  $|F_{(+)} - F_{(-)}|$  (and the percent enantiomer excess by  $100 |F_{(+)} - F_{(-)}|$ ). Frequently this term is abbreviated as e.e.

**See:** optical purity

**Source:**

PAC, 1996, 68, 2193 (*Basic terminology of stereochemistry (IUPAC Recommendations 1996)*) on page 2207