Enantiomeric excess (symbol: $ee$) of a mixture of enantiomers = percent composition of the major enantiomer — percent composition of the minor enantiomer.

**eg:**

consider a mixture of hypothetical enantiomers $(+)$-$A$ and $(-)$-$A$

$(+)$-$A\% = 75\%$

$(-)$-$A\% = 25\%$

$ee$ of the mixture = $(+)$-$A\% - (\pm)$-$A\%$

$= 75\% - 25\%$

$= 50\%$

Enantiomeric excess of a mixture of enantiomers is numerically equal to its optical purity.

Contributors

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