

RACEMATE

Meaning: RACEMATE: A mixture containing equal amounts of two enantiomers of a chiral compound.

1. The racemate consists of equal amounts of two enantiomers.
2. In chemistry, a racemate can exhibit unique properties compared to its individual chiral components.
3. Researchers often study racemates to understand the behavior of chiral molecules in various environments.
4. Pharmaceutical formulations may utilize racemates to enhance the effectiveness of a drug.
5. The separation of racemates into their enantiomers is a crucial step in many chemical processes.

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