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(54) Title: METHOD FOR PRODUCING ENANTIOMER-FREE N-METHYL-N- [(1S)-1-PHENYL- 2-((3S)- 3-HYDROXYPYRROLIDINE- 1-YL)ETHYL]- 2,2-DIPHENYL ACETAMIDE

(54) Bezeichnung: VERFAHREN ZUR HERSTELLUNG VON ENANTIOMERENREINEM N-METHYL- N-[(1S)- 1-PHENYL- 2-((3S)-3- HYDROXYPYRROLIDIN- 1-YL)ETHYL]- 2,2- DIPHENYLACETAMID

(57) Abstract

The invention relates to a new method for producing N-methyl-N- [(1S)- 1-phenyl-2- ((3S)-3- hydroxypyrrolidine- 1-yl)ethyl]- 2,2-diphenyl acetamide or N-methyl- N-[(1R)- 1-phenyl-2- ((3R)-3- hydroxypyrrolidine- 1-yl)ethyl]- 2,2-diphenyl acetamide and to the new compounds N-methyl- N-[(1S)- 1-phenyl- 2-((3S)- 3-hydroxypyrrolidine- 1-yl)- ethane] and N-methyl-N- [(1R)- 1-phenyl-2- ((3R)-3- hydroxypyrrolidine- 1-yl)- ethane] produced as intermediate products.

(57) Zusammenfassung

Die Erfindung betrifft ein neues Verfahren zur wahlweisen Herstellung von N-Methyl- N-[(1S)- 1-phenyl- 2-((3S)-3- hydroxypyrrolidin- 1-yl) ethyl]- 2,2- diphenylacetamid oder N-Methyl- N-[(1R)- 1-phenyl- 2-((3R)-3- hydroxy-pyrrolidin- 1-yl)ethyl]- 2,2- diphenylacetamid, sowie der neuen Verbindungen N-Methyl- N-[(1S)- 1-phenyl- 2-((3S)-3- hydroxypyrrolidin- 1-yl)- ethan] und N-Methyl- N-[(1R)- 1-phenyl- 2-((3R)-3- hydroxypyrrolidin- 1-yl)- ethan], die als Zwischenprodukte hergestellt werden.