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(54) Title: METHOD FOR PRODUCING CYCLO-(Asp-DPhe-NMeVal-Arg-Gly)

(54) Bezeichnung: VERFAHREN ZUR HERSTELLUNG VON CYCLO-(Asp-DPhe-NMeVal-Arg-Gly)

(57) Abstract

The invention relates to a method for producing the cyclic pentapeptide cyclo-(Arg-Gly-Asp-DPhe-NMeVal) by cyclising a linear pentapeptide chosen from the group H-Arg(Pbf) -Gly-Asp(OBzl) -DPhe-NMeVal-OH, H-Gly-Asp(OBzl) -DPhe-NMeVal-Arg (Pbf)-OH, H-Asp(OBzl) -DPhe-NMeVal-Arg (Pbf)-Gly-OH, H-DPhe-NMeVal-Arg (Pbf)-Gly-Asp (OBzl)-OH or H-NMeVal-Arg (Pbf)-Gly-Asp (OBzl)-DPhe-OH, subsequently separating protective groups and optionally further converting into the physiologically unobjectionable salts thereof.

(57) Zusammenfassung

Verfahren zur Herstellung des cyclischen Pentapeptids cyclo-(Arg-Gly-Asp-DPhe-NMeVal) durch Cyclisierung eines linearen Pentapeptids, ausgewählt aus der Gruppe H-Arg(Pbf) -Gly-Asp(OBzl) -DPhe-NMeVal-OH, H-Gly-Asp(OBzl) -DPhe-NMeVal-Arg (Pbf)-OH, H-Asp(OBzl) -DPhe-NMeVal-Arg (Pbf)-Gly-OH, H-DPhe-NMeVal-Arg (Pbf)-Gly-Asp (OBzl)-OH oder H-NMeVal-Arg (Pbf)-Gly-Asp (OBzl)-DPhe-OH, anschließender Schutzgruppenabspaltung und gegebenenfalls weitere Umwandlung in dessen physiologisch unbedenkliche Salze.