

(R)-4-Menthen-3-one in the synthesis of (S)-(+)-hydroprene

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Abstract

A new scheme for the synthesis of optically pure (S)-(+)-hydroprene (insect juvenile hormone analogue with incomplete conversion cycle) from (R)-4-menthen-3-one has been presented. (2E,4E)-Isomer of (S)-(+)-hydroprene has been isolated.