

Title (en)
IFOSFAMIDE, ANALOGUES THEREOF AND THEIR PREPARATION

Title (de)
IFOSFAMID, ANALOGEDAVON UND IHRE HERSTELLUNG

Title (fr)
IFOSFAMIDE, ANALOGUES DE LADITE SUBSTANCE ET LEUR PREPARATION

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Abstract (en)

[origin: WO9722614A1] A compound of formula (I) wherein R<1> and R<2> are each (CH₂)_mX, R<3> is H, each X is Cl or Br and m is 2 or 3, in combination with less than 0.5 % w/w of the corresponding compound wherein R<1> is (CH₂)_mH. Such compounds can be prepared by (i) the reaction of a Bronsted acid or a Lewis acid with NaBH₄ in an organic solvent, and (ii) adding the resultant solution to a solution of a corresponding compound wherein one of R<1> and R<2> is CO(CH₂)_nX and the other is CO(CH₂)_nX or (CH₂)_mX, wherein n = m-1. Such compounds can also be prepared, in optically-enriched form, starting from an optically-enriched trihaloiminophosphorane of the formula R*N = Phal₃ wherein NR* is a chiral moiety derivable from a chiral amine or chiral sulphonamide of the formula R*NH₂, which can be cyclisable with HO(CH₂)₃NHR.

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