

ABSTRACT

METHOD FOR PREPARING METHIONINE ANALOGUES

The invention relates to a method for preparing a compound (I) or one of the salts thereof, and the uses of said method, $R^1OOC-C(=X)-CHR^2R^3$ (I), wherein X is selected among O; N-R', wherein R' is H or a C1-C6 alkyl; and N-OR'' wherein R'' is H, or a C1-C6 alkyl or an alkylaryl; R¹ is H or a C1-C6 alkyl group; R² is H, a C1-C6 alkyl, or an alkylaryl; and R³ is CH₂SR⁴ or CH₂SeR⁴, where R⁴ is H or a C1-C6 alkyl from a compound (II), or one of the salts thereof, $R^1OOC-C(=X)-CHR^2R^5$ and R⁵ is H or COOR⁶, where R⁶ is H or a C1-C6 alkyl, said method being carried out in the presence of a compound (III) CH₂(Y)(Z). Wherein Y is H; OR⁷, where R⁷ is H, a C1-C6 alkyl or an acyl with formula CO-R⁴; SR⁴ or SeR⁴ where R⁴ matches the preceding definition; or 1 NR⁸R⁹, where R⁸ and R⁹, identical or different, each or together are a C1-C6 alkyl, or an alkylaryl; Z, identical or different to Y, is OR¹⁰ where R¹⁰ is H, a C1-C6 alkyl or COR⁴; a cyclic or acyclic N(COR⁴)(COR⁴) group; or NR¹¹R¹², where R¹¹ and R¹², identical or different, each or together are a C1-C6 alkyl or an alkylaryl; wherein Y and Z together are =O; said method involving an intermediate product (IV) $R^1OOC-C(=X)-CHR^2-CH_2Z$.

[No Suitable Figure]