

Title (en)

NOVEL NUCLEOSIDE-LIPID ADDITION COMPOUNDS, THEIR PRODUCTION AND THEIR PHARMACEUTICAL USE

Title (de)

NEUE NUKLEOSID-LIPID-ADDUKTE, IHRE HERSTELLUNG UND IHRE PHARMAZEUTISCHE VERWENDUNG

Title (fr)

NOUVEAUX PRODUITS D'ADDITION NUCLEOSIDE-LIPIDE, PREPARATION ET UTILISATION PHARMACEUTIQUE

Publication

**EP 0738274 A1 19961023 (DE)**

Application

**EP 95905541 A 19950104**

Priority

- DE 9500041 W 19950104
- DE 4400310 A 19940107

Abstract (en)

[origin: WO9518816A1] The invention relates to novel nucleoside-lipid addition compounds of general formula (I) including all enantiomeric forms and all pharmaceutically usable salts of said compounds. The field of use is in the chemical and pharmaceutical industry. The compounds (I) with a diphosphate or phosphono-phosphate grouping are produced by condensing nucleoside-5'-phosphonophosphoamidates with the corresponding lipid phosphates or phosphonates or by condensing the lipid phosphoamidates or lipid phosphonoamidates with the corresponding 5'-nucleoside monophosphates. The compounds (I) containing a triphosphate or a phosphonodiphosphate group are obtained by condensing a nucleoside diphosphoamidate with an alkyl phosphate or alkyl phosphonate or by reacting a lipid phosphoamidate or lipid phosphonoamidate with a 5'-nucleoside phosphate or by condensing a lipid diphosphate or a lipid phosphonophosphate with a 5'-nucleoside monophosphoamidate or by reacting a lipid phosphoamidate or a lipid phosphonophosphoamidate with a 5'-nucleoside monophosphate. The compounds of formula (I) have a cytostatic effect.

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IPC 8 full level

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