

Title (en)  
NOVEL AMPHIPHILIC DERIVATIVES OF ALPHA-C-PHENYL-N-TERT-BUTYLNITRONE

Title (de)  
NEUE AMPHIPHILE DERIVATE VON ALPHA-C-PHENYL-N-TERT.-BUTYLNITRON

Title (fr)  
NOUVEAUX DERIVES AMPHIPHILES DE L'ALPHA-C-PHENYL-N-TERT-BUTYL NITRONE

Publication  
**EP 1999138 A1 20081210 (FR)**

Application  
**EP 07731140 A 20070315**

Priority  
• FR 2007000446 W 20070315  
• FR 0602355 A 20060317

Abstract (en)  
[origin: FR2898602A1] alpha -C-Phenyl-N-tert butyl nitron amphiphilic derivatives (I), are new. alpha -C-Phenyl-N-tert-butyl nitron amphiphilic derivatives of formula (I), are new. X : hydrophilic group like mono-/polysaccharide e.g. amino derivative of mono-/polysaccharide, polyethylene oxide chain, peptide chain, polar ionic group like quaternary ammonium-, amine oxide-, carnitine-, phosphate- or choline group; m : 1-3; Y 1a spacer or a linker like ester, amide, urea, urethane, (thio)ether, amine, 1-6C hydrocarbon (optionally interrupted by a ester, amide, urea, urethane, ether amine or thio-ether); Y 2 ester-, amide-, urea-, urethane-, thio-ether-, amino acid- or serinol group; m1 : 1-2; and n : 0-2; X 1H or 4-14C alkyl (optionally substituted by F). An independent claim is included for the preparation of (I). [Image] ACTIVITY : Immunostimulant; Tranquilizer; Antiinflammatory; Vasotropic; Antiarteriosclerotic; Neuroprotective; Nootropic; Antiparkinsonian; Antiemetic; Cytostatic; Anticonvulsant. MECHANISM OF ACTION : None given.

IPC 8 full level  
**C07H 15/12** (2006.01)

CPC (source: EP US)  
**A61K 8/40** (2013.01 - EP US); **A61K 8/416** (2013.01 - EP US); **A61K 8/42** (2013.01 - EP US); **A61K 8/466** (2013.01 - EP US); **A61K 8/55** (2013.01 - EP US); **A61P 9/00** (2017.12 - EP); **A61P 9/10** (2017.12 - EP); **A61P 17/18** (2017.12 - EP); **A61P 25/00** (2017.12 - EP); **A61P 25/14** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 29/00** (2017.12 - EP); **A61P 35/00** (2017.12 - EP); **A61P 37/00** (2017.12 - EP); **A61P 37/02** (2017.12 - EP); **A61P 37/06** (2017.12 - EP); **A61P 39/06** (2017.12 - EP); **A61Q 19/08** (2013.01 - EP US); **C07H 15/12** (2013.01 - EP US); **C07H 15/18** (2013.01 - EP US); **A61K 2800/522** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007118947A1

Designated contracting state (EPC)  
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