

Title (en)  
METHOD FOR PRODUCING SCOPINE ESTERS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON SCOPINESTERN

Title (fr)  
PROCÉDÉ DE PRODUCTION D'ESTERS DE SCOPINE

Publication  
**EP 2152703 A2 20100217 (DE)**

Application  
**EP 08759488 A 20080509**

Priority  

- EP 2008055752 W 20080509
- EP 07108915 A 20070525
- EP 08759488 A 20080509

Abstract (en)  
[origin: EP1997819A1] A method for the production of quaternised scopine esters of optionally substituted diphenylacetic acids, involves the one-step reaction of quat. salts of scopine with the corresponding acids or their derivatives such as esters. A method for the production of compounds of formula (1) involves reacting compounds of formula (2) and (3) together in a single step. X, Y : negative anions; R : H, OH, methyl, ethyl, trifluoromethyl, difluoromethyl or fluoro; R 1>, R 2>1-5C alkyl (optionally substituted with 3-6C cycloalkyl or halogen), or combined to form 3-5C alkylene; R 3>, R 4>, R 3a>, R 4a>H, 1-4C alkyl or alkoxy, OH, CN, NO 2or halo; R 6>, R 6a>H, or combined to form a single bond; R 5>OH, methoxy, ethoxy, O-N-succinimido, O-N-phthalimido, phenoxy, nitrophenoxy, fluorophenoxy, pentafluorophenoxy, vinyloxy, 2-allyloxy, -S-methyl, -S-ethyl or -S-phenyl . [Image].

IPC 8 full level  
**C07D 451/10** (2006.01)

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Citation (search report)  
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