



(51) International Patent Classification:

C07C 319/18 (2006.01) C07D 277/04 (2006.01)

C07K 1/107 (2006.01) C07C 233/05 (2006.01)

C07K 1/113 (2006.01)

(21) International Application Number:

PCT/SG2012/000168

(22) International Filing Date:

14 May 2012 (14.05.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

201103480-8 13 May 2011 (13.05.2011)

SG

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(81) Designated States (unless otherwise indicated, for every

kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every

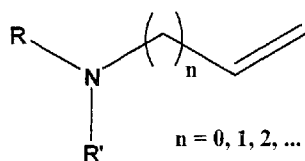
kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

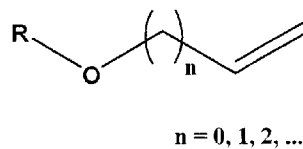
— with international search report (Art. 21(3))

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

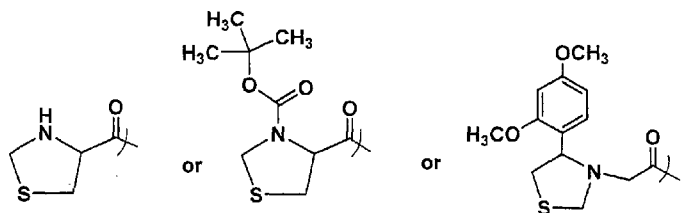
(54) Title: METHOD FOR MODIFICATION OF ORGANIC MOLECULES



(I)



(II)



(57) Abstract: The present invention is directed to a method of alkylating a thiol group (R-S-H) or seleno group (R-Se-H) in a target molecule wherein the method comprises: reacting a target molecule comprising at least one thiol group with a compound of formula (I) or (II); wherein R is an acetyl group or any other acyl group or is a group comprising any one of: or wherein R in formula (II) can also be an alkyl group; and wherein R' is selected from a group consisting of a hydrogen, a methyl group and an ethyl group.