

thiazine derivatives

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29 - 157

Enantioselective Synthesis of Brinzolamide (AL-4862), a New Topical Carbonic Anhydrase Inhibitor. The "DCAT Route" to Thiophene-sulfonamides.

— A facile large scale synthesis of the topical carbonic anhydrase inhibitors AL-4862 (IXa) and its side chain nor-homologue AL-4623A (IXb) starting from 3-acetyl-2,5-dichlorothiophene (I) (DCAT) is described. — (CONROW, RAYMOND E.; DEAN, W. DENNIS; ZINKE, PAUL W.; DEASON, MICHAEL E.; SPROULL, STEVEN J.; DANTANARAYANA, ANURA P.; DUPRIEST, MARK T.; *Org. Process Res. Dev.* 3 (1999) 2, 114-120; Alcon Lab., Inc., Fort Worth, TX 76134, USA; EN)

