Diastereoselective Synthesis of 4-Substituted L-Prolines by Intramolecular Radical Cyclization of N-Aryl sulphonyl-N-allyl 3-bromoalanines: Interesting Dependence of Selectivity on the Nature of Sulphonamido Groups

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Ar = 4-tolyl, R_1 = Bn selectivity is 3:1
Ar = 2-naphthyl, R_1 = Bn selectivity is 8:1
Ar = 2-naphthyl, R_1 = CHPh selectivity is 33:1