



**Scheme 1** Outline for the synthesis of different *N*-substituted derivatives, **5a-j**, of *N*-(4-methoxyphenethyl)-4-methylbenzenesulfonamide (**3**). Reagents & Conditions: (I) Aq.  $\text{Na}_2\text{CO}_3$  soln./pH 9-10/stirring at RT for 2-3 hrs. (II) DMF/LiH/stirring at RT for 0.5 hrs for activation/then addition of R-X (**4a-j**) and stirring finally for 4-5 hrs.