FISOC I - 1993

French-Italian-Spanish Organic Chemistry Conference

Lozari, Corsica (France)

10-15 September 1993

Organizing Committee:

Spain: J. de MENDOZA, Madrid,
      M. MORENO-MANAS, Barcelone.

Italy: A. DONDONI, Ferrare,
      A. RICCI, Bologne,

France: A. LATTES, Toulouse,
       M. SANTELLI, Marseille, Chairman.
Functionalized Sulfones in Organic Synthesis

Carmen Nájera, Irene Micó, Pedro Bonete, Diego Alonso y José M. Sansano
Departamento de Química Orgánica, Facultad de Ciencias, Universidad de Alicante, 03080 Alicante, Spain

The preparation and reactivity of funcionalized sulfones of the type I-IV has been studied. Their behaviour as anionic or cationic reagents allows the synthesis of: unsaturated carbonyl compounds, α,β-butenolides, dehydrofurans, furans, 2-substituted 1,3-butadienes, allylic amines, enediols, unsaturated 1,4-dicarbonyl compounds, cyclopentenones, methylene-cyclopropanes, cyclopentenes, ... They has been used in the synthesis of mikanecic acid diamide, seco-acid of the pyrenophorin, and ipsenol.

References