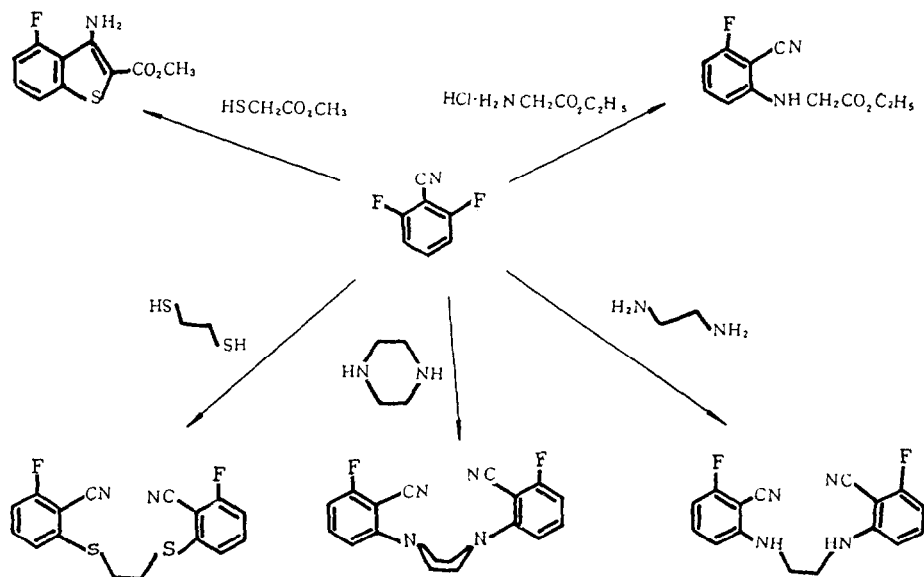


NUCLEOPHILIC SUBSTITUTION REACTION OF 2,6-DIFLUOROBENZONITRILE

Yong-da Lin, Zhang-ting Li and Ching-sung Chi
 Shanghai Institute of Organic Chemistry, Academia Sinica,
 345 Lingling Lu, Shanghai, 200032 (China)

Nucleophilic substitution reaction of 2,6-difluorobenzonitrile with different nucleophiles was studied to give a series of novel fluorine-containing nitrogen and sulfur compounds.



N,N'-(2-cyano-3-fluoroanilino)ethane, *N,N'*-(2-cyano-3-fluorophenyl) piperazine were employed as starting compounds to synthesize azamacrocyclic fluorine-containing compounds.