

Electrophilic Aromatic Substitution

Relative Rates of Bromination

Substrate	Rate at 0 °C (s)	Rate at Room Temp (s)	Rate at 55 °C
Phenol	instant	-	-
Anisole	20	-	-
Diphenyl ether	NR	NR	10 min
Phenyl Acetate	NR	NR	NR

NR = No Reaction

Acylation

Mass product = 0.511 g

Melting point = 60-62 °

IR



