

Electrophilic Aromatic Substitution

Relative Rates of Bromination

Substrate (1)	Rate at room temp (sec)
Phenol	instant
Anisole	9
4-bromophenol	19
Acetanilide	169
Diphenyl ether	> 420

Nitration of Bromobenzene

Mass product = 0.511 g

Melting point = 124-126 °