

Reactivity of Sterically Hindered Aromatic Sulfonic Acid Derivatives: VIII.* General Mathematical Model for Catalytic Sulfonation of Phenol

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Abstract - A general mathematical model is proposed for interpretation and prediction of the reactivity of sterically hindered arenesulfonyl chlorides in the catalytic sulfonation of phenol. Some specific features of transition states in the catalytic and noncatalytic processes are discussed.