

# Synthesis of Naphthalenecarboxylic and Naphthalenedicarboxylic Acids from Naphthalene, Carbon Tetrachloride, and Alcohols in the Presence of Iron Catalysts

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**Abstract**—Alkyl naphthalenecarboxylates and dialkyl naphthalenedicarboxylates have been synthesized by reactions of naphthalene and its derivatives with alcohols and carbon tetrachloride in the presence of iron catalysts.

**Keywords:** naphthalene, naphthalenecarboxylic acids, esters, carbon tetrachloride, aliphatic alcohols, iron catalysts

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