

# Synthesis of Functionally Substituted Isoxazoles from 5-(2,5-Dimethylphenyl)-1,2-oxazole-3-carbonitrile

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**Abstract**—Successive transformations of 5-(2,5-dimethylphenyl)-1,2-oxazole-3-carbonitrile, including Curtius rearrangement, led to the formation of 5-(2,5-dimethylphenyl)-1,2-oxazol-3-amine. Sulfonamides and urea derivative containing 5-(2,5-dimethylphenyl)isoxazole fragments were synthesized.

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