

# Development of a One-Stage Synthesis of 2,6-Di-*tert*-4-ethylbutylphenol from 2,6-Di-*tert*-butylphenol

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**Abstract**—Investigation of the catalyzed reaction of 2,6-di-*tert*-butylphenol with ethanol, ethylene glycol, oligomeric glycols, and paraldehyde in a strongly basic medium permitted to develop a technologically suitable procedure for manufacture of 2,6-di-*tert*-4-ethyl-butylphenol, used in the synthesis of Antioxidant-425.

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