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Synthesis of new derivatives *symm*-triazines and their examination as the depressants for diesel

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Abstract

Improvement of the operational and environmental characteristics of high-quality diesel fuels is not impossible without using additives for various purposes, such as depressants, dispersants, anti-oxidation, anti-corrosion, anti-wear, etc. By now the most cost-effective method of improvement low-temperature characteristics is the using of depressants that reduce the viscosity and improve the low temperature pumpability at the cold start. The relevance of obtaining additive, based on the heterocycles of a number of symmetrical triazine, conditioned by the fact that they have high thermal stability, biodegradability, formed with a high yield and low formation of by-products and their separation and purification is not straightforward.

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