

# Oxidation of 6-Methyl-2,4-dioxypyrimidine with Selenious Acid

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**Abstract**—The yield of orotic aldehyde at the oxidation of 6-methyl-2,4-dihydroxypyrimidine was found to increase when selenious acid is used as an oxidizer. A comparative analysis of 6-methyl-2,4-dioxypyrimidine oxidation with selenium dioxide and selenious acid was performed using the *ab initio* quantum chemical method in the 6-31G\*\* basis.

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