

# Synthesis of 3-Amino(alkoxy)-2,4-dioxo-1,3-oxazolidine-5-carboxylates from Tartronic Esters

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Tartronic Esters, 1,1'-Carbonyl-di-(1,2,4-triazole), 3-Amino-2,4-dioxo-1,3-oxazolidine-5-carboxylates, 3-Alkoxy-2,4-dioxo-1,3-oxazolidine-5-carboxylates

The reaction of tartronic esters (**1a-d**) with 1,1'-carbonyl-di-(1,2,4-triazole), hydrazines or hydroxylamines produces 3-amino/3-alkoxy(aralkoxy)-2,4-dioxo-1,3-oxazolidine-5-carboxylic esters (**5,6**) which are structurally related to the fungicides *Famoxadone* (**I**) and *Chlozolinat* (**II**). Under suitable conditions the carboxylic ester of **6** can be converted to a carboxamide (**7**), carbonylhydrazide (**8**) or carbonylhydroxamic acid (**9**).

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