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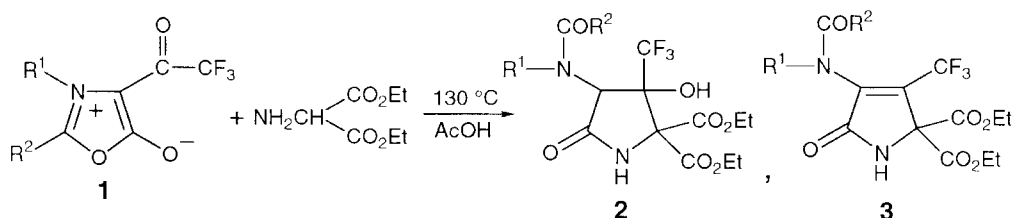
## Synthesis of Highly Functionalized Pyrrolidinones From Mesoionic 4-Trifluoroacetyl-1,3-oxazolium-5-olates and Aminomalonate

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**Abstract:** Mesoionic 4-trifluoroacetyl-1,3-oxazolium-5-olates (**1**) undergo tandem addition of aminomalonate to afford 3-amido-4-trifluoromethylpyrrolidin-2-ones (**2**) in moderate yields.

Table. Reaction of mesoionic compounds (**1**) and aminomalonate



Run	<b>1</b>	R <sup>1</sup>	R <sup>2</sup>	Product, % yield	
				<b>2</b>	<b>3</b>
1	<b>a</b>	Ph	Ph	62	-
2	<b>b</b>	Me	Ph	17	30
3	<b>c</b>	Me	4-MeOC <sub>6</sub> H <sub>4</sub>	51 <sup>a</sup>	-
4	<b>d</b>	Ph	Me	44	-
5	<b>e</b>	Bn	Me	48	-

<sup>a</sup> The yield was estimated by <sup>1</sup>H NMR due to contamination of *N*-acetylamino-malonate and acetylation of the mixture gave pure **4c** in 47% yield.

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