

BIS(TRIFLUOROMETHYLCHALKOGENO)-KETENES

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Bis(trifluoromethylthio)ketene $(CF_3S)_2 C=C=O$ [1] has been synthesized by dehydration of $(CF_3S)_2CHC(O)OH$ or HCl elimination from $(CF_3S)_2CHC(O)Cl$.

The analogue selenium compound was accessible by reaction of CF_3SeBr with $Ag_2C=C=O$.

Oxidation reactions of the title compounds are presented as well as attempts for the generation of thioketenes.

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