

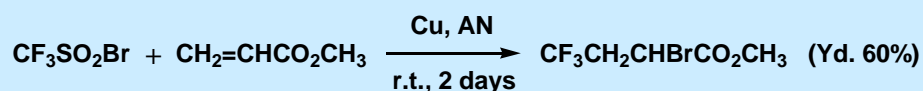
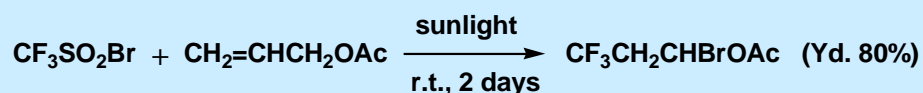
Trifluoromethanesulfonyl Bromide

CF₃SO₂Br

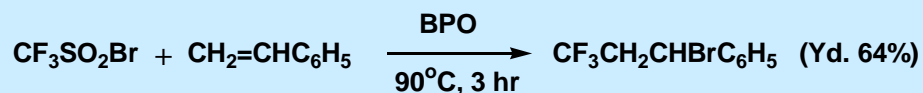
Purity	97%
CAS Number	15458-53-4
Molecular Formula	CBrF ₃ O ₂ S
Molecular Weight	212.97

The S-Br bond of CF₃SO₂Br is easily cleaved radically by sunlight. A facile method for synthesizing ω-trifluoromethyl linear aliphatic derivatives is provided.

1. Addition of CF₃ · and Br · to olefin

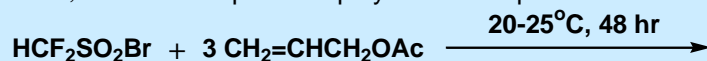


Fluorine Notes 2016, 6, No.109, by A.A.Tyutyunov et al



Chinese J. Chem. 1992, Vol.10, No.3, p268-273

Ref. ; HCF₂SO₂Br promote polymerization prior to addition.



(Recovered white polymer containing S, O, HCF₂CH₂CHBrCH₂OAc is not recovered.)

Fluorine Notes 2020, 11, No.128, by A.A.Tyutyunov et al

Properties:

Appearance	Liquid
Boiling point, °C	53
Flash point, °C	-

Capacity:	100kg
Packing:	-
UN, PG:	-