



>>Entry Name: 3,3,3-Trifluoro-1-propene, 9CI

Synonym(s): (Trifluoromethyl)ethylene

CAS Registry Number: 677-21-4

Related CAS Registry Numbers(s): 32718-30-2

$\text{F}_3\text{CCH}=\text{CH}_2$

Molecular Formula: $\text{C}_3\text{H}_3\text{F}_3$

Molecular Weight: 96.052

Accurate Mass: 96.018684

Percentage Composition: C 37.51%; H 3.15%; F 59.34%

Physical Description: Gas

Boiling Point: Bp -18°

Hazard & Toxicity: Low inhalation toxicity

Aldrich: 37137-8

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 135B, (nmr)

Haszeldine, R.N., *J.C.S.*, 1953, 3371, (synth)

Tarrant, P. *et al.*, *J.A.C.S.*, 1955, **77**, 2783, (synth)

Tokue, I. *et al.*, *J. Mol. Struct.*, 1973, **17**, 207, (ed)

Hanack, M. *et al.*, *J.O.C.*, 1989, **54**, 1432, (synth, ir, pmr, cmr, F-19 nmr)