



>>Entry Name: 2,2-Difluoropropane

CAS Registry Number: 420-45-1

$\text{H}_3\text{CCF}_2\text{CH}_3$

Molecular Formula: $\text{C}_3\text{H}_6\text{F}_2$

Molecular Weight: 80.077

Accurate Mass: 80.043756

Percentage Composition: C 45.00%; H 7.55%; F 47.45%

Use/Importance: Formerly used as aerosol propellant

Boiling Point: Bp -1°

References:

Austin, P.R. *et al.*, *J.A.C.S.*, 1953, **75**, 4834

Hasek, W.R. *et al.*, *J.A.C.S.*, 1960, **82**, 543

Stevens, T.E., *J.O.C.*, 1961, **26**, 1627

White, H.F., *Anal. Chem.*, 1965, **27**, 405, (*pmr*, *F-19 nmr*)

Kerr, J.A. *et al.*, *J.C.S.(A)*, 1966, 1621