



>>Entry Name: 1,1,1,2,3,3,3-Heptafluoropropane, 9CI

Synonym(s): Apaflurane, INN

CAS Registry Number: 431-89-0

F_3CCHF_3

Molecular Formula: C_3HF_7

Molecular Weight: 170.03

Accurate Mass: 169.996646

Percentage Composition: C 21.19%; H 0.59%; F 78.22%

Use/Importance: Diagnostic agent. Used as a propellant in pharmaceutical aerosol sprays

Physical Description: Gas

Boiling Point: Bp -8°

References:

Aldrich, P.E. *et al.*, *J.O.C.*, 1963, **28**, 184, (*synth*)

Andreades, S., *J.A.C.S.*, 1964, **86**, 2003, (*synth*, *F-19 nmr*)

Naae, D.G. *et al.*, *Org. Mass Spectrom.*, 1974, **9**, 1203, (*ms*)

Salvi-Narkhede, M. *et al.*, *J. Chem. Thermodyn.*, 1992, **24**, 1065, (*props*)

Pat. Coop. Treaty (WIPO), 1993, *Glaxo*, 93 11 743; *CA*, **119**, 80264c, (*use*)