



>>Entry Name: 1,1,1,2-Tetrafluoroethane, 9CI

Synonym(s): Norflurane, BAN, INN, USAN. F134a. R 134a

CAS Registry Number: 811-97-2

Related CAS Registry Numbers(s): 29759-38-4

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

Molecular Formula: $\text{C}_2\text{H}_2\text{F}_4$

Molecular Weight: 102.031

Accurate Mass: 102.009262

Percentage Composition: C 23.54%; H 1.98%; F 74.48%

Use/Importance: Inhalation anaesthetic. Blowing agent for resins and foams, aerosol propellant alternative ozone-friendly refrigerant currently under evaluation (1991)

Physical Description: Gas

Melting Point: Mp -101°

Boiling Point: Bp -26.5°

Calculated Log P Data: Log P 1.27 (calc)

Aldrich: 37433-4

Supelco: 44-2204

References:

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