



>>Entry Name: 2,2,3,3-Tetrafluoro-1-propanol, 9CI

CAS Registry Number: 76-37-9

F2CHCF2CH2OH

Molecular Formula: C3H4F4O

Molecular Weight: 132.058

Accurate Mass: 132.019827

Percentage Composition: C 27.29%; H 3.05%; F 57.55%; O 12.12%

Use/Importance: Fluoroalkylation reagent

Boiling Point: Bp 109°

Density: d_4^{20} 1.49

Hazard & Toxicity: Irritant

Aldrich: 32627-5

Fluka: 87270

Rare Chemicals Library: S42843-4

>>Derivative: 4-Nitrobenzoyl

Physical Description: Cryst.

Melting Point: Mp 47°

References:

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 257A, (ir)

Merck Index, 11th edn., 1989, No. 9139

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TCI750