



>>Entry Name: 2,2,3,3,4,4,4-Heptafluoro-1-butylamine

CAS Registry Number: 374-99-2

F3CCF2CF2CH2NH2

Molecular Formula: C₄H₄F₇N

Molecular Weight: 199.071

Accurate Mass: 199.023195

Percentage Composition: C 24.13%; H 2.03%; F 66.80%; N 7.04%

Boiling Point: Bp 70-71°. Bp₁₁₅ 24°

Refractive Index: n_D²⁰ 1.2980

>>Derivative: Hydrochloride

CAS Registry Number: 2794-75-4

Melting Point: Mp 130-135 subl.°

>>Derivative: Ac

Molecular Formula: C₆H₆F₇NO

Molecular Weight: 241.108

Accurate Mass: 241.03376

Percentage Composition: C 29.89%; H 2.51%; F 55.16%; N 5.81%; O 6.64%

Melting Point: Mp 51-52°

References:

U.K. Pat., 1954, 717 232; *CA*, **49**, 12531f

Ellzey, S.E. *et al.*, *J.O.C.*, 1965, **30**, 3945, (*synth*)