



>> Name: **2-Amino-3-trifluoromethylbutanoic acid**

Synonym(s): 4,4,4-Trifluorovaline

CAS Registry Number: 16063-79-9

Related CAS Registry Numbers(s): 2365-79-9

F3CCH(CH3)CH(NH2)COOH

Molecular Formula: $C_5H_8F_3NO_2$

Molecular Weight: 171.119

Accurate Mass: 171.050713

Percentage Composition: C 35.10%; H 4.71%; F 33.31%; N 8.19%; O 18.70%

Melting Point: Mp 252 dec.°

pKa Value: pK_{a1} 1.54; pK_{a2} 8.1 (25°)

Other: Oakwood 1548

References:

Babb, R.M. *et al.*, *J.O.C.*, 1970, **35**, 1438