



>>Entry Name: **2,6-Difluorophenylacetic acid**

Synonym(s): 2,6-Difluorobenzeneacetic acid, 9CI

CAS Registry Number: 85068-28-6

Related CAS Registry Numbers(s): 654-01-3 116622-90-3

Molecular Formula: $C_8H_6F_2O_2$

Molecular Weight: 172.131

Accurate Mass: 172.033586

Percentage Composition: C 55.82%; H 3.51%; F 22.07%; O 18.59%

Melting Point: Mp 100-102°

Aldrich: 26448-2

>>Derivative: Nitrile

CAS Registry Number: 654-01-3

Molecular Formula: $C_8H_5F_2N$

Molecular Weight: 153.131

Accurate Mass: 153.039005

Percentage Composition: C 62.75%; H 3.29%; F 24.81%; N 9.15%

Boiling Point: Bp₂₇ 109°

Aldrich: 26451-2

References:

Jerumanis, S. *et al.*, *Bull. Soc. Chim. Belg.*, 1960, **69**, 312-322, (*nitrile*)

Kowalczyk, B.A., *Synthesis*, 1997, 1411-1414, (*synth, pmr, cmr*)