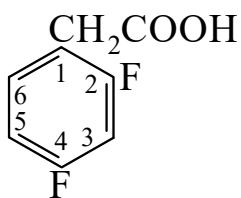




>>Entry Name: 2,4-Difluorophenylacetic acid

Synonym(s): 2,4-Difluorobenzeneacetic acid, 9CI



CAS Registry Number: 81228-09-3

Related CAS Registry Numbers(s): 656-35-9 95299-17-5 129409-54-7 141060-00-6

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 117-119°

Aldrich: 26447-4

Fluka: 36948

>>Derivative: Nitrile

CAS Registry Number: 656-35-9

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: Bp₁₀ 98°

Aldrich: 26449-0

References:

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

Eur. Pat., 1981, 41 233; *CA*, **96**, 142442, (*synth*)

Ger. Pat., 1984, 3 314 249; *CA*, **102**, 113053, (*synth, ester*)

Mattiello, L. *et al.*, *J.C.S. Perkin 2*, 1990, 1041-1044, (*Et ester, pmr*)