>>**Entry Name: 2,5-Difluorobenzoic acid**

CAS Registry Number: 2991-28-8

Molecular Formula: $C_7H_4F_2O_2$
Molecular Weight: 158.104
Accurate Mass: 158.017936
Percentage Composition: C 53.18%; H 2.55%; F 24.03%; O 20.24%
Physical Description: Cryst. ($CHCl_3$)
Melting Point: Mp 125-128°

Aldrich: 24802-9

>>**Derivative:** Chloride

CAS Registry Number: 35730-09-7
Molecular Formula: $C_7H_3ClF_2O$
Molecular Weight: 176.55
Accurate Mass: 175.984048
Percentage Composition: C 47.62%; H 1.71%; Cl 20.08%; F 21.52%; O 9.06%
Physical Description: Liq.
Boiling Point: Bp_{15} 74-78°
Aldrich: 25936-5

>>**Derivative:** Amide

CAS Registry Number: 85118-03-2
Molecular Formula: $C_7H_5F_2NO$
Molecular Weight: 157.119
Accurate Mass: 157.03392
Percentage Composition: C 53.51%; H 3.21%; F 24.18%; N 8.91%; O 10.18%
Melting Point: Mp 114-116°
Other: Oakwood 1933

>>**Derivative:** Nitrile
Synonym(s): 2-Cyano-1,4-difluorobenzene

CAS Registry Number: 64248-64-2
Molecular Formula: $C_7H_3F_2N$
Molecular Weight: 139.104
Accurate Mass: 139.023355
Percentage Composition: C 60.44%; H 2.17%; F 27.32%; N 10.07%
Physical Description: No phys. props. recorded
Aldrich: 24803-7

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