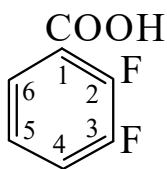




>>Entry Name: 2,3-Difluorobenzoic acid



CAS Registry Number: 4519-39-5

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.

Melting Point: Mp 161.5-162.5°

Aldrich: 26351-6

>>Derivative: Me ester

CAS Registry Number: 18355-74-3

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%

Physical Description: Liq.

Boiling Point: Bp₁₅ 94°

>>Derivative: Chloride

CAS Registry Number: 18355-73-2

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: Bp₁₄ 85-87°

Aldrich: 33306-9

>>Derivative: Amide

CAS Registry Number: 18355-75-4

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%

Physical Description: Cryst.

Melting Point: Mp 110-111°

>>Derivative: Nitrile

Synonym(s): 1-Cyano-2,3-difluorobenzene

CAS Registry Number: 21524-39-0

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: Liq.

Aldrich: 26352-4

References:

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