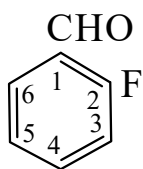




>>Entry Name: 2-Fluorobenzaldehyde



CAS Registry Number: 446-52-6

Molecular Formula: C₇H₅FO

Molecular Weight: 124.114

Accurate Mass: 124.032443

Percentage Composition: C 67.74%; H 4.06%; F 15.31%; O 12.89%

Melting Point: Mp -44.5°

Boiling Point: Bp 175°. Bp₃₆ 80.5°

Density: d₄²⁰ 1.18

Refractive Index: n_D²⁰ 1.5195

Aldrich: F480-7

Fluka: 46550

Sigma: F8625

>>Derivative: Oxime

CAS Registry Number: 451-79-6

Molecular Formula: C₇H₆FNO

Molecular Weight: 139.129

Accurate Mass: 139.043342

Percentage Composition: C 60.43%; H 4.35%; F 13.66%; N 10.07%; O 11.50%

Physical Description: Plates (petrol)

Melting Point: Mp 64.5-65°

Rare Chemicals Library: S55053-1

>>Derivative: Phenylhydrazone

CAS Registry Number: 348-14-1

Physical Description: Plates (EtOH aq.)

Melting Point: Mp 89.5°

>>Derivative: *p*-Nitrophenylhydrazone

CAS Registry Number: 371-03-9

Physical Description: Orange needles (AcOH aq.)

Melting Point: Mp 205°

>>Derivative: 2,4-Dinitrophenylhydrazone

Melting Point: Mp 200°

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