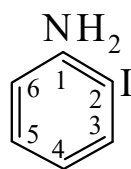




>>Entry Name: 2-Iodoaniline

Synonym(s): 2-Iodobenzenamine, 9CI



CAS Registry Number: 615-43-0

Molecular Formula: C₆H₆IN

Molecular Weight: 219.025

Accurate Mass: 218.954497

Percentage Composition: C 32.90%; H 2.76%; I 57.94%; N 6.40%

Physical Description: Needles

Melting Point: Mp 60-61°

pKa Value: pK_a 2.54 (25°)

Aldrich: I-700-4

Fluka: 57680

>>Derivative: Hydrochloride

CAS Registry Number: 128414-04-0

Physical Description: Prisms + 1H₂O

Melting Point: Mp 153-154°

>>Derivative: Formyl

Synonym(s): *N*-(2-Iodophenyl)formamide, 9CI. 2'-Iodoformanilde

CAS Registry Number: 10113-39-0

Molecular Formula: C₇H₆INO

Molecular Weight: 247.035

Accurate Mass: 246.949412

Percentage Composition: C 34.03%; H 2.45%; I 51.37%; N 5.67%; O 6.48%

Physical Description: Needles

Melting Point: Mp 113-113.5°

>>Derivative: Ac

Synonym(s): *N*-(2-Iodophenyl)acetamide, 9CI. 2'-Iodoacetanilide

CAS Registry Number: 19591-17-4

Molecular Formula: C₈H₈INO

Molecular Weight: 261.062

Accurate Mass: 260.965062

Percentage Composition: C 36.81%; H 3.09%; I 48.61%; N 5.37%; O 6.13%

Physical Description: Prisms (EtOH)

Melting Point: Mp 111-113° (109-110°)

Rare Chemicals Library: S87760-3

>>Derivative: Benzoyl

Synonym(s): *N*-(2-Iodophenyl)benzamide, 9CI. 2'-Iodobenzanilide

CAS Registry Number: 15310-02-8

Molecular Formula: C₁₃H₁₀INO

Molecular Weight: 323.133

Accurate Mass: 322.980712

Percentage Composition: C 48.32%; H 3.12%; I 39.27%; N 4.33%; O 4.95%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 140-141.5° (139°)

>>Derivative: *N*-Me