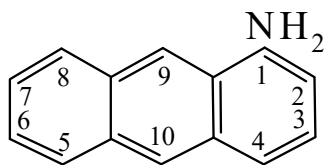




>>Entry Name: 1-Aminoanthracene

Synonym(s): 1-Anthracenamine, 9Cl.  $\alpha$ -Anthramine



CAS Registry Number: 610-49-1

Molecular Formula: C<sub>14</sub>H<sub>11</sub>N

Molecular Weight: 193.248

Accurate Mass: 193.089149

Percentage Composition: C 87.01%; H 5.74%; N 7.25%

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 130 approx.°

pKa Value: pK<sub>a</sub> 4.1 (25°)

Hazard & Toxicity: Exp. tumourigenic data

Aldrich: A3860-6

Fluka: 6760

>>Derivative: N-Formyl

Synonym(s): N-1-Anthracenylformamide, 9Cl

CAS Registry Number: 165601-20-7

Molecular Formula: C<sub>15</sub>H<sub>11</sub>NO

Molecular Weight: 221.258

Accurate Mass: 221.084064

Percentage Composition: C 81.43%; H 5.01%; N 6.33%; O 7.23%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 193°

>>Derivative: N-Me

CAS Registry Number: 54458-79-6

Molecular Formula: C<sub>15</sub>H<sub>13</sub>N

Molecular Weight: 207.274

Accurate Mass: 207.104799

Percentage Composition: C 86.92%; H 6.32%; N 6.76%

Melting Point: Mp 255° (as hydrochloride)

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