



>>Entry Name: 2-Aminoanthracene

Synonym(s): 2-Anthracenamine, 9Cl. β -Anthramine

CAS Registry Number: 613-13-8

Molecular Formula: $C_{14}H_{11}N$

Molecular Weight: 193.248

Accurate Mass: 193.089149

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

Physical Description: Yellow leaflets (EtOH)

Melting Point: Mp 238°

Solubility: Sol. EtOH with fluor.

Hazard & Toxicity: Exp. carcinogen and teratogen

Aldrich: A3880-0

Fluka: 6765

Sigma: A1381

>>Derivative: *N*-Formyl

Molecular Formula: $C_{15}H_{11}NO$

Molecular Weight: 221.258

Accurate Mass: 221.084064

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

Physical Description: Yellow-green cryst. (EtOH)

Melting Point: Mp 242°

Solubility: Sol. hot EtOH with fluor.

>>Derivative: *N*-Ac

CAS Registry Number: 36761-80-5

Molecular Formula: $C_{16}H_{13}NO$

Molecular Weight: 235.285

Accurate Mass: 235.099714

Percentage Composition: C 81.68%; H 5.57%; N 5.95%; O 6.80%

Melting Point: Mp 240°

Solubility: Sol. hot EtOH with fluor.

Rare Chemicals Library: S94295-2