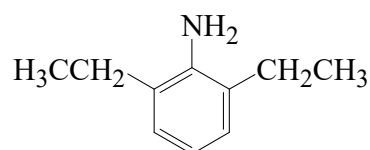




>>Entry Name: 2,6-Diethylaniline, 8Cl
Synonym(s): 2,6-Diethylbenzenamine, 9Cl



CAS Registry Number: 579-66-8

Molecular Formula: C₁₀H₁₅N
Molecular Weight: 149.235
Accurate Mass: 149.120449
Percentage Composition: C 80.48%; H 10.13%; N 9.39%
Source/Synthesis: Terminal metab. of Alachlor [DKW79-G](#) in soil and animals
Physical Description: Liq.
Melting Point: Fp 3-4°
Boiling Point: Bp 235-236°. Bp₁₀ 111°
Density: d 0.96
Refractive Index: n_D²⁰ 1.5460
Other Data: Light-sensitive

>>Derivative: Hydrochloride

CAS Registry Number: 71477-82-2
Physical Description: Cryst. (HCl aq.)
Melting Point: Mp 175-179 dec.°

>>Derivative: *N*-Ac

CAS Registry Number: 16665-89-7

Molecular Formula: C₁₂H₁₇NO
Molecular Weight: 191.272
Accurate Mass: 191.131014
Percentage Composition: C 75.35%; H 8.96%; N 7.32%; O 8.36%
Source/Synthesis: Soil degradn. prod. of Alachlor [DKW79-G](#)
Physical Description: Cryst.
Melting Point: Mp 141-142° (130-131°)

>>Derivative: *N*-Benzoyl

Molecular Formula: C₁₇H₁₉NO
Molecular Weight: 253.343
Accurate Mass: 253.146664
Percentage Composition: C 80.60%; H 7.56%; N 5.53%; O 6.32%
Physical Description: Cryst.
Melting Point: Mp 232-233°

>>Derivative: *N*-Chloroacetyl

CAS Registry Number: 6967-29-9

Molecular Formula: C₁₂H₁₆ClNO
Molecular Weight: 225.717
Accurate Mass: 225.092041
Percentage Composition: C 63.86%; H 7.14%; Cl 15.71%; N 6.21%; O 7.09%
Source/Synthesis: Soil degradn. prod. of Alachlor [DKW79-G](#)
Physical Description: Cryst. (H₂O)
Melting Point: Mp 135-136°
Hazard & Toxicity: Bacterial mutagen