



>>Entry Name: 3-Aminodiphenylmethane

Synonym(s): 3-(Phenylmethyl)benzenamine, 9Cl. α -Phenyl-*m*-toluidine, 8Cl

CAS Registry Number: 61424-26-8

Molecular Formula: $C_{13}H_{13}N$

Molecular Weight: 183.252

Accurate Mass: 183.104799

Percentage Composition: C 85.21%; H 7.15%; N 7.64%

Physical Description: Cryst. (petrol)

Melting Point: Mp 46°

>>Derivative: *N*-Ac

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

Molecular Weight: 225.29

Accurate Mass: 225.115364

Percentage Composition: C 79.97%; H 6.71%; N 6.22%; O 7.10%

Physical Description: Leaflets (C_6H_6 /petrol)

Melting Point: Mp 91°

References:

Becker, P., *Ber.*, 1882, **15**, 2090, (*synth*)

U.S. Pat., 1976, 3 972 926; *CA*, **86**, 29487a