



>>Entry Name: 4-Azidoaniline

Synonym(s): 4-Azidobenzenamine

CAS Registry Number: 14860-64-1

Molecular Formula: $C_6H_6N_4$

Molecular Weight: 134.14

Accurate Mass: 134.059246

Percentage Composition: C 53.72%; H 4.51%; N 41.77%

Use/Importance: Versatile protein and peptide modifying agent for photoaffinity labelling

Physical Description: Leaflets (Et_2O)

Melting Point: Mp 65-66°

Fluka: 11545

>>Derivative: Hydrochloride

CAS Registry Number: 91159-79-4

Melting Point: Mp 165 dec.°

Aldrich: 35955-6

>>Derivative: *N*-Ac

Molecular Formula: $C_8H_8N_4O$

Molecular Weight: 176.177

Accurate Mass: 176.069811

Percentage Composition: C 54.54%; H 4.58%; N 31.80%; O 9.08%

Physical Description: Cryst.

Melting Point: Mp 122-123°

References:

Smith, P.A.S. *et al.*, *J.A.C.S.*, 1962, **84**, 485, (*synth*, *uv*)

Kreher, R. *et al.*, *Z. Naturforsch., B*, 1976, **31**, 222, (*synth*)

Escher, E.H.F. *et al.*, *Helv. Chim. Acta*, 1979, **62**, 1217, (*synth*, *ir*, *pmr*)