



>>Entry Name: 4-Iodobenzylamine

Synonym(s): 4-Iodobenzenemethanamine, 9CI. α -Amino-4-iodotoluene

CAS Registry Number: 39959-59-6

Molecular Formula: C_7H_8IN

Molecular Weight: 233.051

Accurate Mass: 232.970147

Percentage Composition: C 36.08%; H 3.46%; I 54.45%; N 6.01%

Melting Point: Mp 45°

Boiling Point: Bp₄ 113-115°

>>Derivative: Hydrochloride

CAS Registry Number: 59528-27-7

Melting Point: Mp 240°

>>Derivative: N-Ac

Molecular Formula: $C_9H_{10}INO$

Molecular Weight: 275.089

Accurate Mass: 274.980712

Percentage Composition: C 39.30%; H 3.66%; I 46.13%; N 5.09%; O 5.82%

Melting Point: Mp 127°. Mp 132°

References:

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Ukai, T. *et al.*, *CA*, 1957, **51**, 280g

Shapiro, S.L. *et al.*, *J. Med. Chem.*, 1962, **5**, 793

Fuller, R.W. *et al.*, *J. Med. Chem.*, 1973, **16**, 101

Blaschke, G. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1976, **309**, 258, (*nmr*)

Windhorst, A.D. *et al.*, *J. Med. Chem.*, 2000, **43**, 1754-1761, (*synth, pmr*)